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# Water Supply Outlook For Idaho

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**SOIL CONSERVATION SERVICE  
U.S. DEPARTMENT OF AGRICULTURE**

Cooperating with

IDAHO SOIL CONSERVATION DISTRICTS  
IDAHO DEPARTMENT OF WATER RESOURCES

AS OF  
**April 1, 1982**

**IMPORTANT NOTICE INSIDE**

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

## **COVER PHOTO: Lone Cone, near Norwood, Colorado, blanketed by its winter mantle of snow.**

### PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE              | ADDRESS                                                                |
|--------------------|------------------------------------------------------------------------|
| Alaska             | Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504     |
| Arizona            | Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025 |
| Colorado (N. Mex.) | P. O. Box 17107, Denver, Colorado 80217                                |
| Idaho              | Room 345, 304 N. 8th. St., Boise, Idaho 83702                          |
| Montana            | P. O. Box 98, Bozeman, Montana 59715                                   |
| Nevada             | P. O. Box 4850, Reno, Nevada 89505                                     |
| Oregon             | 1220 S. W. Third Ave., Portland, Oregon 97204                          |
| Utah               | 4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138    |
| Washington         | 360 U. S. Court House, Spokane, Washington 99201                       |
| Wyoming            | P. O. Box 2440, Casper, Wyoming 82602                                  |

### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.





# IMPORTANT NOTICE

## WATER SUPPLY OUTLOOK FOR IDAHO

If you wish to continue to receive this publication, detach this page, sign your name in the space below, fold on the heavy line, staple or tape the folded page and mail. If more than one copy of the publication is desired, place the number in the box by your signature.

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# **WATER SUPPLY OUTLOOK FOR IDAHO**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

*Issued by*

**NORMAN A. BERG**

ADMINISTRATOR  
SOIL CONSERVATION SERVICE  
WASHINGTON, D C

|||||  
*Released by*

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STATE CONSERVATIONIST  
SOIL CONSERVATION SERVICE  
BOISE, IDAHO

*In Cooperation with*

**A. KENNETH DUNN**

DIRECTOR  
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SOIL CONSERVATION SERVICE  
SNOW SURVEY SECTION  
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BOISE, IDAHO 83702





# WATER SUPPLY OUTLOOK for IDAHO



## GENERAL SUMMARY FOR APRIL 1, 1982

The April 1 snow surveys show Idaho's snowpack to range from near normal to well above normal throughout the state. The northern portion of the state, from the Clearwater drainage north, is average to slightly above while the southern portion, from the Salmon River drainage south, varies from 119 percent to 150 percent of average for the water year. Exceptions in the southern portion are the Beaver-Camas Creek area east of Dubois and the Weiser River where snowpack is 100 to 108 percent of normal, and the Owyhee River drainage where the snowpack is extremely high at 190 percent of average.

The last half of March was an extremely high snowfall period over most of the state with many higher elevation sites increasing 7 to 15 inches in snow water content or nearly 200 percent of normal for the month. The low elevation snowpack began to melt with mild temperatures the first part of March but recovered to normal or well above normal by the end of the month.

Precipitation has been well above normal in Idaho for the past six months. For March the average across the state was 157 percent of average with a range of 106 percent at Porthill in North Idaho to 263 percent at Ketchum in the Sun Valley area. For the water year the state stands at 149 percent with a peak of 207 percent at Grace in the southeast.

Water supplies are forecast to be good to excellent throughout the state. April through September streamflows are predicted to range from 106 percent

of average on the Priest River in North Idaho to 199 percent on the Owyhee River in Southern Idaho.

Soil moisture conditions in the lower and middle elevation zones are saturated and are wet in the higher elevations.

In general, most reservoir storages are below normal and many reservoirs are being lowered even further to handle the expected high runoff.

A potential for high volume flows does exist on many Idaho streams. April and May weather conditions will dictate how much if any will occur. Continued cold weather over the next several weeks would not allow low elevation snowpacks to dissipate. This could result in high and low elevation snowpacks being melted simultaneously resulting in higher peak flows. Precipitation in the form of rain on the existing snowpack would also increase the potential for high peak flows. Several areas of concern are the Portneuf, Big Wood, Boise, Bruneau and Owyhee Rivers.

### VALLEY PRECIPITATION 1/

#### Division Averages and Departures

In Inches

| DRAINAGE<br>DIVISIONS   | Winter     |                     | Fall - Winter      |                     |
|-------------------------|------------|---------------------|--------------------|---------------------|
|                         | March 1982 |                     | Nov. 81 - March 82 |                     |
|                         | Observed   | Departure <u>2/</u> | Observed           | Departure <u>2/</u> |
| Kootenai, Canada & U.S. | 1.99       | + .25               | 14.44              | + 1.05              |
| Flathead                | 1.95       | + .42               | 12.86              | + 2.13              |
| Clark Fork              | 1.97       | + .75               | 10.59              | + 2.59              |
| Pend Oreille-Spokane    | 3.45       | + .92               | 19.70              | + 2.15              |
| Upper Snake             | 2.39       | + .87               | 14.21              | + 4.10              |
| Snake River Plain       | 1.45       | + .67               | 7.16               | + 2.08              |
| Salmon-Payette-Boise    | 1.96       | + .23               | 16.88              | + 5.09              |
| Clearwater              | 3.06       | + .10               | 20.15              | + 2.27              |
| Owyhee-Malheur          | 1.20       | + .35               | 9.20               | + 3.53              |

1/ Preliminary analysis and data by the National Weather Service and Meteorological Service of Canada.

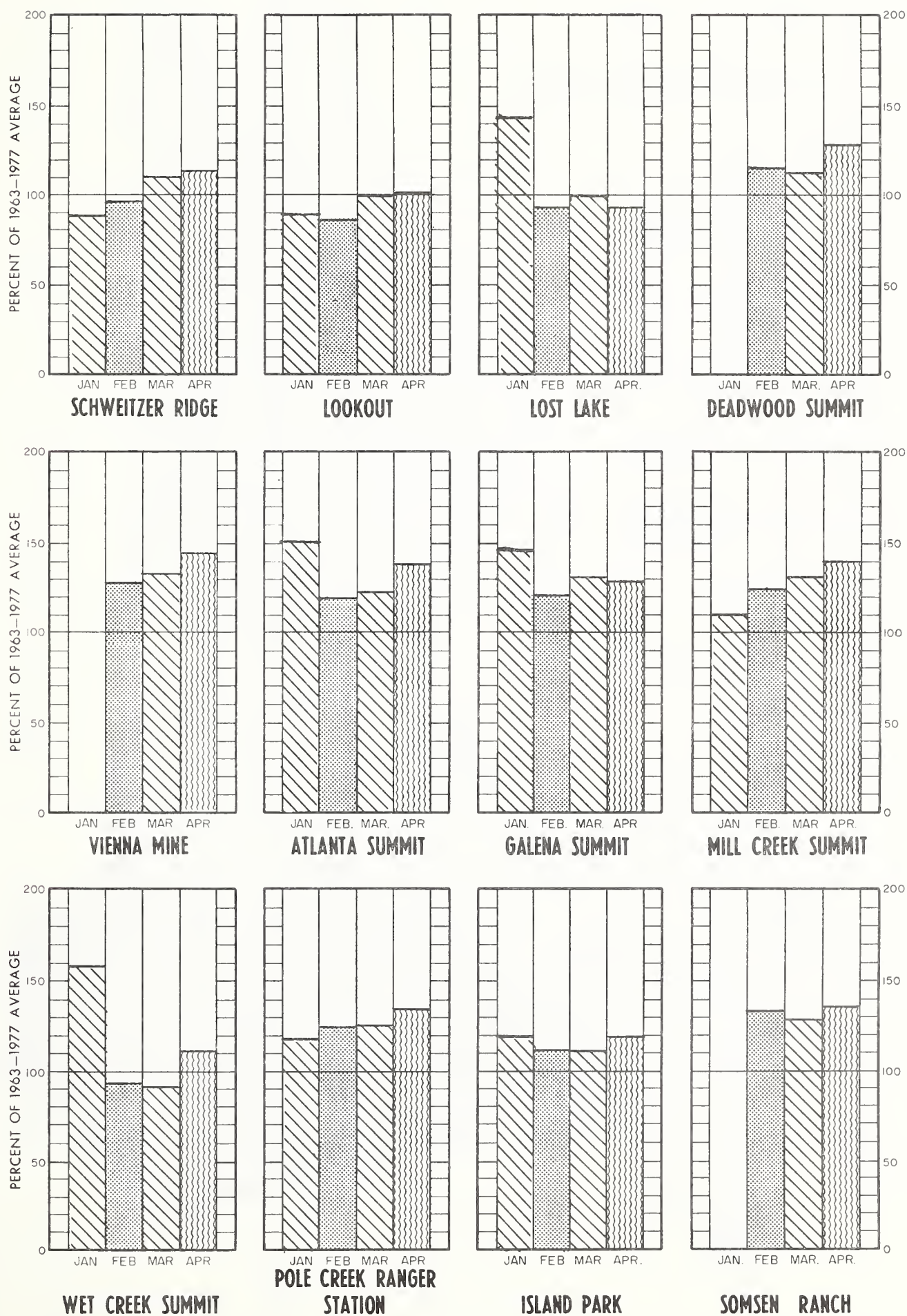
2/ Departure from 15-year (1963-1977) drainage division averages.



# SNOW WATER DEPTHS ACCUMULATION For Selected Snow Courses

As Compared To 1963 - 1977 15 Year Average

APRIL 1, 1982



## COMPARISON of SNOW COVER

| RIVER BASIN WATERSHED                       | NO.OF COURSES<br>AVERAGED | THIS YEARS SNOW WATER<br>EXPRESSED AS PERCENT OF : |                 |
|---------------------------------------------|---------------------------|----------------------------------------------------|-----------------|
|                                             |                           | LAST YEAR                                          | 1963-77 AVERAGE |
| <u>UPPER COLUMBIA BASIN</u>                 |                           |                                                    |                 |
| Kootenai River                              | 51                        | 165                                                | 109             |
| Pend Oreille River                          | 128                       | 173                                                | 111             |
| Clark Fork River                            | 86                        | 196                                                | 116             |
| Flathead River                              | 42                        | 148                                                | 104             |
| Priest River                                | 5 - 6                     | 165                                                | 110             |
| Spokane River                               | 14 - 15                   | 244                                                | 96              |
| Hayden Creek                                | 4                         | 3640                                               | --              |
| <u>LOWER SNAKE RIVER BASIN</u>              |                           |                                                    |                 |
| Palouse River                               | 3                         | 651                                                | 101             |
| Clearwater River                            | 19 - 21                   | 219                                                | 105             |
| Salmon River                                | 21 - 26                   | 188                                                | 124             |
| Lemhi River                                 | 6                         | 188                                                | 138             |
| <u>MIDDLE SNAKE RIVER BASIN - Northside</u> |                           |                                                    |                 |
| Little Lost River                           | 5                         | 217                                                | 127             |
| Big Lost River                              | 9                         | 146                                                | 122             |
| Fish Creek                                  | 2                         | 298                                                | 151             |
| Little Wood River                           | 4                         | 205                                                | 138             |
| Big Wood River                              | 10 - 12                   | 205                                                | 139             |
| Boise River                                 | 17 - 20                   | 249                                                | 134             |
| Canyon Creek                                | 3                         | 427                                                | 156             |
| Payette River                               | 14 - 17                   | 191                                                | 119             |
| Weiser River                                | 6 - 8                     | 163                                                | 106             |
| Mann Creek                                  | 4 - 5                     | 155                                                | 108             |
| <u>MIDDLE SNAKE RIVER BASIN - Southside</u> |                           |                                                    |                 |
| Raft River                                  | 5 - 7                     | 213                                                | 143             |
| Goose-Trapper Creek                         | 3 - 5                     | 219                                                | 141             |
| Salmon Falls Creek                          | 10                        | 254                                                | 143             |
| Bruneau River                               | 4                         | 242                                                | 147             |
| Owyhee River                                | 6                         | 597                                                | 190             |
| Jordan Creek                                | 3                         | 332                                                | 141             |
| <u>UPPER SNAKE RIVER BASIN</u>              |                           |                                                    |                 |
| SNAKE BASIN - Above Palisades Reservoir     | 33                        | 238                                                | 128             |
| Camas-Beaver Creeks                         | 3                         | 149                                                | 100             |
| Henrys Fork River                           | 7                         | 194                                                | 123             |
| Teton River                                 | 8                         | 231                                                | 129             |
| Willow Creek                                | 5 - 9                     | 254                                                | 133             |
| Blackfoot River                             | 3 - 6                     | 259                                                | 129             |
| Portneuf River                              | 4 - 10                    | 251                                                | 144             |
| <u>GREAT BASIN</u>                          |                           |                                                    |                 |
| Bear River - Upper                          | 6                         | 194                                                | 121             |
| Bear River - Lower                          | 25                        | 284                                                | 130             |
| Montpelier Creek                            | 6                         | 378                                                | 138             |
| Mink Creek                                  | 7                         | 264                                                | 137             |
| Cub River                                   | 3 - 4                     | 245                                                | 130             |
| Malad River                                 | 4 - 6                     | 316                                                | 150             |

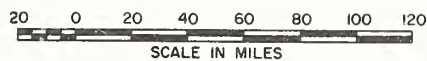


# SNOW WATER DEPTHS

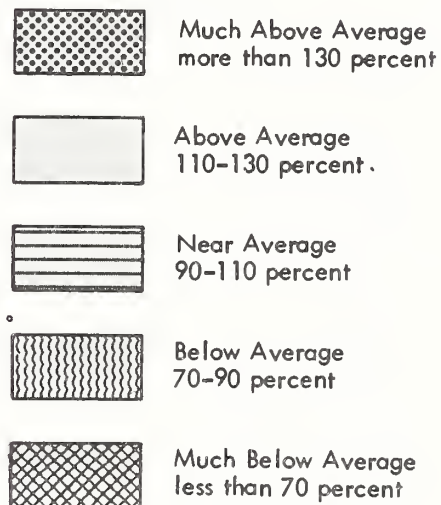
As percent of 1963-77 15 year average

APRIL 1, 1982

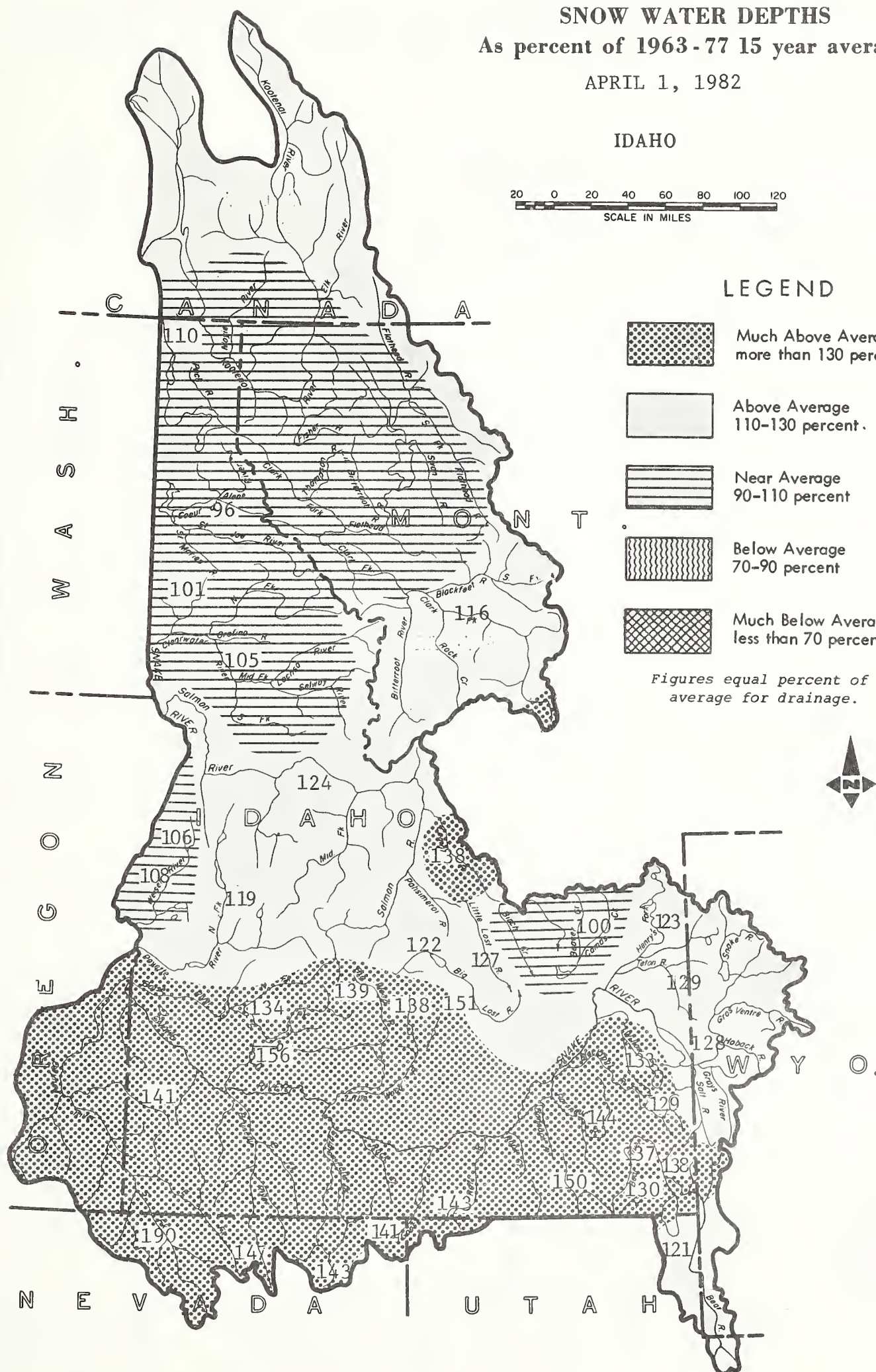
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## LEGEND



Figures equal percent of  
average for drainage.



## RESERVOIR STORAGE (1,000 Ac. Ft.)

| RESERVOIR                 | USABLE CAPACITY | MEASURED (First of Month) |           |                 |
|---------------------------|-----------------|---------------------------|-----------|-----------------|
|                           |                 | THIS YEAR                 | LAST YEAR | 1963-77 AVERAGE |
| UPPER COLUMBIA BASIN      |                 |                           |           |                 |
| Clark Fork - Pend Oreille |                 |                           |           |                 |
| Hungry Horse              | 3428.0          | 2158.0                    | 2646.0    | 2016.0          |
| Flathead                  | 1791.0          | 750.4                     | 745.6     | 775.7           |
| Pend Oreille              | 1155.1          | 549.0                     | 532.8     | 432.9           |
| Noxon                     | 334.6           | 312.1                     | 158.7     | 191.9           |
| Spokane                   |                 |                           |           |                 |
| Coeur d'Alene             | 225.1           | 166.7                     | 170.4     | 149.9           |
| SNAKE BASIN               |                 |                           |           |                 |
| Snake                     |                 |                           |           |                 |
| Jackson Lake              | 624.4           | 459.6                     | 563.6     | 612.9           |
| Palisades                 | 1200.0          | 404.4                     | 1194.1    | 815.9           |
| American Falls            | 1673.0          | 1548.0                    | 1669.1    | 1390.8          |
| Island Park               | 127.0           | 123.1                     | 131.5     | 122.5           |
| Grassy Lake               | 15.2            | 13.0                      | 12.9      | 10.8            |
| Brownlee                  | 980.2           | 359.0                     | 660.0     | 395.5           |
| Goose-Trapper Creeks      |                 |                           |           |                 |
| Oakley                    | 74.4            | 31.4                      | 31.4      | 33.1            |
| Salmon Falls Creek        |                 |                           |           |                 |
| Salmon Falls              | 182.6           | 33.8                      | 62.5      | 63.7            |
| Big Lost                  |                 |                           |           |                 |
| Mackay                    | 44.2            | 31.2                      | 44.1      | 32.9            |
| Big Wood                  |                 |                           |           |                 |
| Magic                     | 191.5           | 109.3                     | 145.0     | 129.9           |
| Little Wood               |                 |                           |           |                 |
| Little Wood               | 30.0            | 18.4                      | 28.3      | 18.5            |
| Fish Creek                |                 |                           |           |                 |
| Carey Valley              | 14.4            | 8.4                       | 9.4       | --              |
| Boise                     |                 |                           |           |                 |
| Anderson Ranch            | 423.2           | 212.6                     | 319.6     | 248.5           |
| Arrowrock                 | 286.6           | 137.1                     | 286.4     | 226.6           |
| Lucky Peak                | 278.2           | 97.2                      | 242.4     | 115.5           |
| Lake Lowell (Deer Flat)   | 169.0           | 128.8                     | 154.5     | 139.3           |
| Owyhee                    |                 |                           |           |                 |
| Owyhee                    | 715.0           | 701.3                     | 605.6     | 553.2           |
| Payette                   |                 |                           |           |                 |
| Cascade                   | 653.2           | 356.9                     | 557.5     | 305.4           |
| Deadwood                  | 161.9           | 100.0                     | 122.2     | 92.0            |
| Weiser                    |                 |                           |           |                 |
| Mann Creek                | 11.1            | 8.8                       | 11.2      | --              |
| Clearwater                |                 |                           |           |                 |
| Dworshak                  | 2016.0          | 157.9                     | 1592.3    | --              |
| GREAT BASIN               |                 |                           |           |                 |
| Bear                      |                 |                           |           |                 |
| Bear Lake                 | 1421.0          | 957.6                     | 1067.4    | 1039.5          |

\*Period of Record.

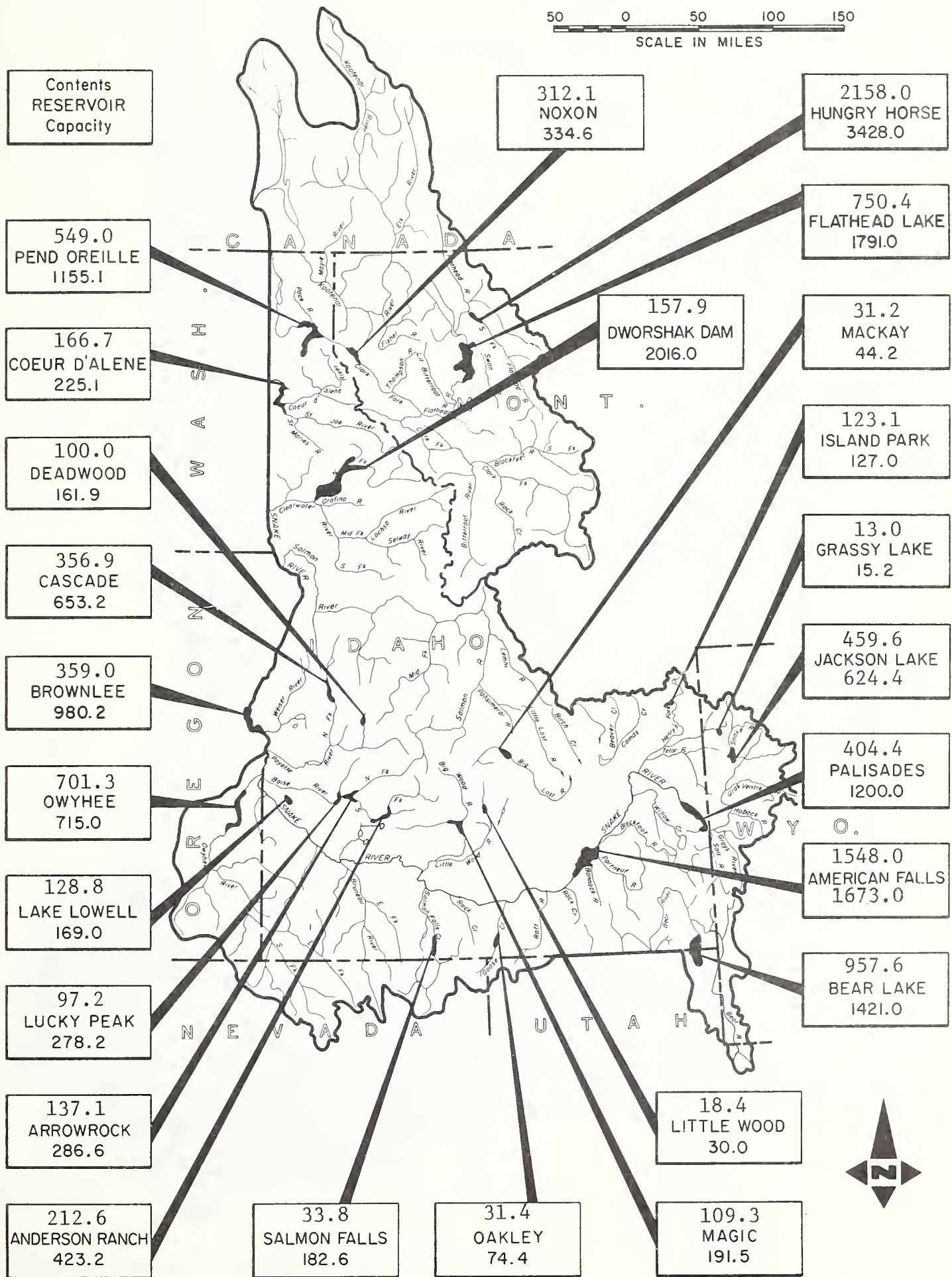


# RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

APRIL 1, 1982

50 0 50 100 150  
SCALE IN MILES



## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>+</sup> |

UPPER COLUMBIA BASINKOOTENAI RIVER

|        |      |      |     |         |    |      |
|--------|------|------|-----|---------|----|------|
| Leonia | (at) | 9380 | 106 | Apr-Sep | -- | 8858 |
|        |      | 8160 | 106 | Apr-Jul | -- | 7708 |
|        |      | 6520 | 106 | Apr-Jun | -- | 6144 |

PEND OREILLE RIVERClark Fork River

|                   |      |       |     |         |    |       |
|-------------------|------|-------|-----|---------|----|-------|
| Whitehorse Rapids | (at) | 15800 | 115 | Apr-Sep | -- | 13781 |
|                   |      | 14400 | 115 | Apr-Jul | -- | 12519 |
|                   |      | 12200 | 115 | Apr-Jun | -- | 10633 |

Priest River

|                         |      |     |     |         |    |     |
|-------------------------|------|-----|-----|---------|----|-----|
| Priest River <u>1</u> / | (at) | 952 | 106 | Apr-Sep | -- | 895 |
|                         |      | 895 | 106 | Apr-Jul | -- | 841 |

SPOKANE RIVER

|                       |      |      |     |         |    |      |
|-----------------------|------|------|-----|---------|----|------|
| Post Falls <u>2</u> / | (at) | 3270 | 112 | Apr-Sep | -- | 2910 |
|-----------------------|------|------|-----|---------|----|------|

St. Joe River

|        |      |      |     |         |    |      |
|--------|------|------|-----|---------|----|------|
| Calder | (at) | 1450 | 111 | Apr-Sep | -- | 1309 |
|        |      | 1370 | 111 | Apr-Jul | -- | 1238 |

SNAKE RIVER BASINSNAKE RIVER - MAIN STEM

|                             |      |      |     |         |    |      |
|-----------------------------|------|------|-----|---------|----|------|
| Moran <u>3</u> /            | (at) | 1125 | 125 | Apr-Sep | -- | 903  |
| Palisades Inflow <u>3</u> / |      | 4840 | 125 | Apr-Sep | -- | 3863 |
| Heise <u>4</u> /            | (nr) | 5230 | 123 | Apr-Sep | -- | 4247 |
| Blackfoot <u>5</u> /        | (nr) | 5600 | 122 | Apr-Jul | -- | 4579 |

Henrys Fork

|                    |      |      |     |         |    |      |
|--------------------|------|------|-----|---------|----|------|
| Ashton <u>6</u> /  | (nr) | 810  | 110 | Apr-Sep | -- | 737  |
| Rexburg <u>7</u> / | (nr) | 1810 | 118 | Apr-Sep | -- | 1534 |

Portneuf River

|       |      |     |     |         |    |     |
|-------|------|-----|-----|---------|----|-----|
| Topaz | (at) | 148 | 137 | Mar-Sep | -- | 108 |
|-------|------|-----|-----|---------|----|-----|

Oakley Reservoir Inflow

|  |  |    |     |         |    |    |
|--|--|----|-----|---------|----|----|
|  |  | 49 | 136 | Mar-Sep | -- | 36 |
|--|--|----|-----|---------|----|----|

Salmon Falls Creek

|             |      |     |     |         |    |    |
|-------------|------|-----|-----|---------|----|----|
| San Jacinto | (nr) | 135 | 142 | Mar-Sep | -- | 95 |
|             |      | 128 | 142 | Mar-Jul | -- | 90 |
|             |      | 122 | 144 | Mar-Jun | -- | 85 |

(c) Assuming normal meteorological conditions.



# PROSPECTIVE STREAMFLOW

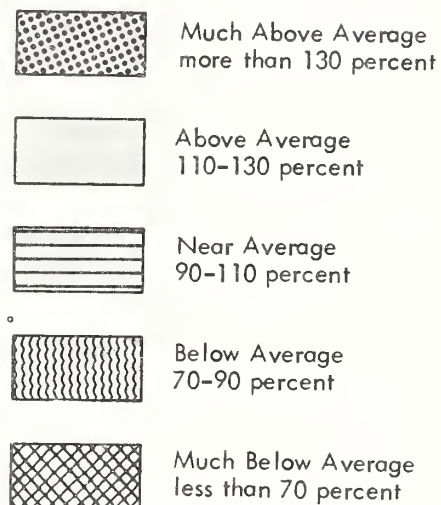
*Based on Snow Surveys made on approximately*

APRIL 1, 1982

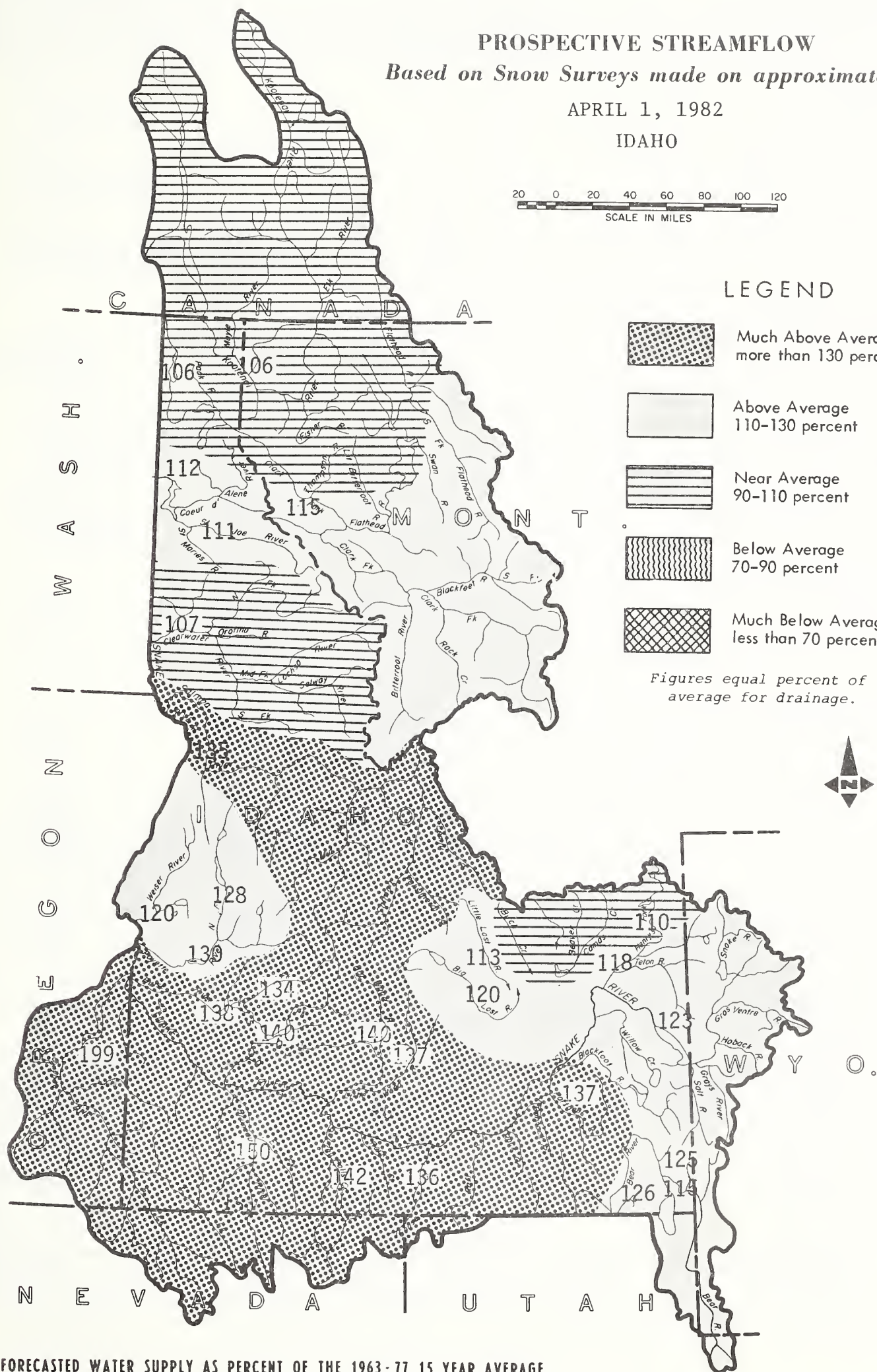
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20 0 20 40 60 80 100 120  
SCALE IN MILES

## LEGEND



Figures equal percent of  
average for drainage.



FORECASTED WATER SUPPLY AS PERCENT OF THE 1963-77 15 YEAR AVERAGE

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT |      | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     |      | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     |      | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>†</sup> |
| <u>Bruneau River</u>                |      |                       |                    |                 |                    |                      |
| Hot Springs                         | (nr) | 375                   | 150                | Mar-Sep         | --                 | 251                  |
| <u>Little Lost River</u>            |      |                       |                    |                 |                    |                      |
| Howe                                | (nr) | 51                    | 113                | Apr-Sep         | --                 | 45                   |
| Wet Creek                           | (bl) | 46.5                  | 113                | Apr-Sep         | --                 | 41                   |
|                                     |      | 29.5                  | 113                | Apr-Jun         | --                 | 26                   |
| <u>Big Lost River</u>               |      |                       |                    |                 |                    |                      |
| Howell Ranch                        | (at) | 270                   | 120                | Apr-Sep         | --                 | 225                  |
|                                     |      | 181                   | 119                | Apr-Jun         | --                 | 154                  |
| Mackay <u>8/</u>                    | (nr) | 245                   | 120                | Apr-Sep         | --                 | 204                  |
| <u>Big Wood River</u>               |      |                       |                    |                 |                    |                      |
| Magic Reservoir                     |      | 447                   | 140                | Apr-Sep         | --                 | 319                  |
| Inflow <u>9/</u>                    |      | 424                   | 140                | Apr-Jul         | --                 | 303                  |
|                                     |      | 468                   | 141                | Mar-Jul         | --                 | 332                  |
| <u>Little Wood River</u>            |      |                       |                    |                 |                    |                      |
| Carey                               | (nr) | 148                   | 138                | Apr-Sep         | --                 | 107                  |
|                                     |      | 136                   | 137                | Apr-Jul         | --                 | 99                   |
|                                     |      | 119                   | 137                | Apr-Jun         | --                 | 87                   |
| <u>Boise River</u>                  |      |                       |                    |                 |                    |                      |
| Twin Springs                        | (nr) | 982                   | 134                | Apr-Sep         | --                 | 733                  |
|                                     |      | 904                   | 134                | Apr-Jul         | --                 | 676                  |
| Boise <u>10/</u>                    | (nr) | 2282                  | 138                | Apr-Sep         | --                 | 1656                 |
|                                     |      | 2120                  | 138                | Apr-Jul         | --                 | 1536                 |
|                                     |      | 1875                  | 138                | Apr-Jun         | --                 | 1360                 |
| <u>South Fork</u>                   |      |                       |                    |                 |                    |                      |
| Anderson Dam <u>11/</u>             | (at) | 871                   | 140                | Apr-Sep         | --                 | 622                  |
|                                     |      | 815                   | 140                | Apr-Jul         | --                 | 582                  |
| <u>Owyhee River</u>                 |      |                       |                    |                 |                    |                      |
| Gold Cr., Nev. <u>12/</u>           | (nr) | 38                    | 180                | Apr-Jul         | --                 | 23                   |
| Owyhee, Nev. <u>12/</u>             | (nr) | 118                   | 162                | Apr-Jul         | --                 | 80                   |
| Lake Owyhee                         |      | 780                   | 199                | Apr-Sep         | --                 | 392                  |
| net inflow <u>13/</u>               |      | 754                   | 207                | Apr-Jul         | --                 | 431                  |
| Rome                                | (at) | 750                   | 208                | Apr-Jul         | --                 | 361                  |
| <u>Payette River</u>                |      |                       |                    |                 |                    |                      |
| Horseshoe Bend <u>14/</u>           | (nr) | 2418                  | 130                | Apr-Sep         | --                 | 1860                 |
| <u>North Fork</u>                   |      |                       |                    |                 |                    |                      |
| Cascade <u>15/</u>                  | (at) | 722                   | 128                | Apr-Sep         | --                 | 564                  |
| Banks <u>15/</u>                    | (nr) | 929                   | 128                | Apr-Sep         | --                 | 726                  |

(c) Assuming normal meteorological conditions.

† 1963-1977 period.

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>†</sup> |

Weiser River

|        |      |     |     |         |    |     |
|--------|------|-----|-----|---------|----|-----|
| Weiser | (nr) | 531 | 120 | Apr-Sep | -- | 442 |
|--------|------|-----|-----|---------|----|-----|

Salmon River

|           |      |      |     |         |    |      |
|-----------|------|------|-----|---------|----|------|
| Whitebird | (at) | 9710 | 135 | Apr-Sep | -- | 7196 |
|-----------|------|------|-----|---------|----|------|

Clearwater River

|          |      |      |     |         |    |      |
|----------|------|------|-----|---------|----|------|
| Spalding | (at) | 9240 | 107 | Apr-Sep | -- | 8672 |
|----------|------|------|-----|---------|----|------|

GREAT BASINBEAR RIVER

|       |      |     |     |         |    |     |
|-------|------|-----|-----|---------|----|-----|
| Harer | (at) | 383 | 115 | Apr-Sep | -- | 332 |
|-------|------|-----|-----|---------|----|-----|

Montpelier Creek

|            |      |      |     |         |    |      |
|------------|------|------|-----|---------|----|------|
| Montpelier | (nr) | 15.5 | 125 | Apr-Sep | -- | 12.4 |
|------------|------|------|-----|---------|----|------|

Cub River

|         |      |    |     |         |    |    |
|---------|------|----|-----|---------|----|----|
| Preston | (nr) | 63 | 126 | Apr-Sep | -- | 50 |
|         |      | 59 | 126 | Apr-Jul | -- | 47 |

- 1/ Observed flow corrected for storage in Priest Lake.
- 2/ Observed flow corrected for storage in Coeur d'Alene Lake.
- 3/ Corrected for storage in Jackson Lake.
- 4/ Corrected for storage in Jackson Lake and Palisades.
- 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot.
- 6/ Corrected for storage in Henry's Lake and Island Park Reservoir.
- 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.
- 8/ Observed flow corrected for storage in Mackay Reservoir.
- 9/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine.
- 10/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak.
- 11/ Corrected for storage in Anderson Ranch Reservoir.
- 12/ Corrected for storage in Wildhorse Reservoir.
- 13/ From Bureau of Reclamation records of inflow.
- 14/ Corrected for storage in Cascade and Deadwood Reservoirs.
- 15/ Corrected for storage in Cascade Reservoir.

Cooperative forecasts released by Soil Conservation Service and National Weather Service.

(c) Assuming normal meteorological conditions.

<sup>†</sup> 1963-1977 period.



## SNOW

| DRAINAGE BASIN and/or SNOW COURSE |                 |      | THIS YEAR      |                     |                        | PAST RECORD            |         |
|-----------------------------------|-----------------|------|----------------|---------------------|------------------------|------------------------|---------|
|                                   |                 |      | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) |         |
| Name & Drainage                   | Elevation       |      |                |                     |                        | Last Year              | Average |
| Above Burke                       | Coeur d'Alene   | 4100 | 3/30           | 53                  | 21.4                   | 8.4                    | 24.7*   |
| Above Gilmore                     | Lemhi           | 8320 | 4/2            | 56                  | 14.2                   | 8.9                    | 10.6    |
| Above Roland                      | St. Joe         | 4350 | 4/1            | 83                  | 35.8                   | 13.6                   | 35.2*   |
| Allen Ranch                       | Blackfoot       | 6470 | 3/30           | 40                  | 13.3                   | --                     | --      |
| Antelope Ridge                    | Owyhee          | 6180 | 3/30           | 23                  | 10.4                   | 0.0                    | 6.2     |
| Aspen Grove                       | Willow          | 6500 | 3/30           | 57                  | 17.4                   | 9.1                    | 12.1*   |
| Aspen Hall Pass (A)               | Lemhi           | 8200 | 4/2            | 58                  | 13.8                   | 8.0                    | 10.6*   |
| Atlanta Summit                    | Boise           | 7600 | 4/5            | 146                 | 50.1                   | 22.0                   | 36.2    |
| Atlanta Townsite                  | Boise           | 5280 | 4/2            | 41                  | 14.2                   | 2.7                    | --      |
| Austin Brothers Ranch             | Blackfoot       | 6400 | 3/30           | 35                  | 11.2                   | 0.0                    | 8.9     |
| Bad Bear                          | Boise           | 4940 | 3/31           | 48                  | 15.9                   | 4.0                    | 13.9    |
| Badger Gulch                      | Trapper         | 6660 | 5/4            | 50                  | 18.2                   | 7.2                    | 13.1    |
| Banner Summit                     | Payette         | 7040 | 4/2            | 113                 | 38.7                   | 22.2                   | --      |
| Battle Creek (A)                  | Owyhee          | 5710 |                |                     |                        | 0.0                    | 1.7     |
| Beagle Springs                    | (Mt) Beaverhead | 8850 | 3/27           | 46                  | 12.5                   | 9.8                    | --      |
| Bear Basin                        | Little Salmon   | 5350 | 3/29           | 59                  | 20.1                   | 11.8                   | --      |
| Bear Canyon                       | Big Lost        | 7900 | 4/5            | 99                  | 26.7                   | 16.8                   | 19.9    |
| Bear Creek                        | (Nv) Jarbidge   | 8040 | 4/5            | 85                  | 31.5                   | 13.9                   | 21.3    |
| Bear Mountain                     | Clark Fork      | 5400 | 3/25           | 168                 | 75.1                   | 41.9                   | 64.2*   |
| Bear Saddle                       | Mann Creek      | 6180 | 3/27           | 73                  | 28.8                   | 18.5                   | --      |
| Beaverdam Creek                   | Portneuf        | 6120 | 3/29           | 36                  | 12.6                   | 4.3                    | --      |
| Below Roland                      | St. Joe         | 3920 | 4/1            | 34                  | 14.1                   | 0.0                    | --      |
| Bennett Mountain                  | Canyon Creek    | 6560 | 3/27           | 59                  | 21.1                   | 11.1                   | 17.5    |
| Benton Meadow                     | Priest          | 2370 | 3/29           | 0                   | 0.0                    | 0.0                    | 5.0     |
| Benton Spring                     | Priest          | 4920 | 3/29           | 52                  | 18.9                   | 9.5                    | 20.2    |
| Big Creek Summit                  | Salmon          | 6580 | 3/27           | 123                 | 51.5                   | 23.8                   | 37.5    |
| Big Springs                       | Henrys Fork     | 6400 | 3/28           | 67                  | 24.0                   | 12.9                   | 22.0    |
| Birch Creek                       | Willow          | 6800 | 3/30           | 44                  | 15.9                   | 6.9                    | 11.4*   |
| Black Bear                        | (Mt) Madison    | 7950 | 3/30           | 147                 | 57.4                   | 27.2                   | 44.1    |
| Black Canyon                      | Henrys Fork     | 7960 |                |                     |                        | 24.4                   | 35.4*   |
| Black Moose                       | Henrys Fork     | 8160 |                |                     |                        | 25.2                   | 40.3*   |
| Blue Ledge Mine                   | W. Camas        | 6900 | 3/29           | 55                  | 16.7                   | 11.0                   | 17.8    |
| Blue Ridge                        | Blackfoot       | 6780 | 3/30           | 71                  | 28.0                   | 12.6                   | --      |
| Bogus Basin                       | Payette         | 6340 | 3/31           | 84                  | 29.8                   | 14.3                   | 24.5    |
| Bogus Basin Road                  | Boise           | 5540 | 3/31           | 18                  | 4.9                    | 0.7                    | 2.2     |
| Bone                              | Willow          | 6200 | 3/29           | 22                  | 7.0                    | 0.0                    | 7.2*    |
| Borah (A)                         | Pahsimeroi      | 8250 | 4/2            | 37                  | 9.8                    | 4.7                    | --      |
| Bostetter Ranger Sta.             | Trapper         | 7500 | 4/3            | 74                  | 28.1                   | 12.5                   | 20.2    |
| Boulder Creek                     | Weiser          | 5440 | 3/31           | 75                  | 25.4                   | 11.6                   | 25.1    |
| Boy Scout Camp                    | Raft            | 7740 | 4/3            | 63                  | 20.7                   | 13.4                   | 15.8    |
| Breezy Saddle                     | Clearwater      | 5010 | 4/2            | 86                  | 30.4                   | 15.4                   | --      |
| Brockman Station                  | Willow          | 6430 | 3/29           | 35                  | 8.3                    | 0.0                    | --      |
| Brundage Mountain                 | Little Salmon   | 7560 | 3/29           | 136                 | 57.8                   | 34.0                   | 48.6*   |
| Buck Meadows                      | Selway          | 5650 | 4/1            | 97                  | 39.5                   | 14.5                   | 31.2*   |
| Bull Basin (A)                    | Owyhee          | 5480 |                |                     |                        | 0.0                    | 0.4     |
| Camas Creek Divide                | Big Wood        | 5710 | 3/27           | 41                  | 17.5                   | 0.0                    | 8.8*    |
| Camp Creek                        | Beaver          | 5780 | 3/29           | 51                  | 11.5                   | 9.6                    | 12.0    |
| Cayuse Airstrip                   | Clearwater      | 3500 | 4/2            | 27                  | 8.8                    | 0.0                    | 9.8     |
| Cedar Creek                       | Cedar           | 6820 | 4/5            | 39                  | 12.6                   | 4.0                    | 10.0    |
| Chilco Ridge                      | Hayden          | 3650 | 3/29           | 0                   | 0.0                    | 0.0                    | --      |
| Chimney Creek                     | Big Wood        | 6400 | 3/27           | 49                  | 18.8                   | 6.8                    | --      |
| Christensen Ranch                 | Mink            | 5560 | 3/25           | 26                  | 10.9                   | 4.1                    | 7.6     |
| Clear Creek Meadows               | Raft            | 9420 | 4/3            | 112                 | 36.0                   | 18.1                   | 23.6    |
| Cliff Canyon                      | Malad           | 7200 | 3/25           | 43                  | 14.6                   | 4.3                    | --      |
| Cold Springs                      | Portneuf        | 7000 | 4/4            | 82                  | 29.0                   | --                     | --      |
| Conie Ridge                       | Hayden          | 3900 | 3/29           | 6                   | 2.0                    | 0.0                    | --      |
| Coolwater Mountain                | Lochsa          | 6040 | 4/2            | 136                 | 44.2                   | 18.9                   | 33.0    |
| Copes Camp                        | Lemhi           | 7520 | 4/2            | 48                  | 12.6                   | 5.8                    | 8.8     |
| Copper Basin                      | Big Lost        | 7640 | 4/5            | 51                  | 12.6                   | 8.9                    | 10.9    |
| Copper Ridge                      | Coeur d'Alene   | 4820 | 3/30           | 62                  | 26.6                   | 3.6                    | 29.7    |
| Corner Creek                      | Hayden          | 3150 | 3/29           | 0                   | 0.0                    | 0.0                    | --      |
| Couch Summit                      | Boise           | 6840 | 3/27           | 61                  | 20.5                   | 13.0                   | 18.7    |
| Cozy Cove                         | Deadwood        | 5380 | 4/2            | 58                  | 17.5                   | 8.3                    | 16.6    |
| Crab Creek                        | Camas-Beaver    | 6860 | 3/29           | 52                  | 15.2                   | --                     | --      |
| Crater Meadows                    | Clearwater      | 5960 | 4/2            | 127                 | 45.0                   | 21.9                   | 46.3    |
| Crawford Ranger Sta.              | Payette         | 4860 | 3/27           | 14                  | 6.5                    | 0.0                    | 6.1     |
| Crooked Fork                      | Lochsa          | 3610 | 3/30           | 35                  | 13.4                   | 0.0                    | 14.1*   |
| Cub River Ranger Sta.             | Cub             | 5450 | 3/25           | 24                  | 10.2                   | 3.2                    | 6.9     |
| Daniels Creek                     | Malad           | 6270 | 3/25           | 27                  | 9.8                    | 2.0                    | --      |
| Darby Canyon                      | (Wy) Teton      | 8250 | 3/31           | 88                  | 32.1                   | 14.9                   | 24.0*   |
| Deadline                          | Salmon Falls    | 7400 | 4/5            | 69                  | 28.7                   | 12.3                   | 22.3    |
| Deadline South                    | Salmon Falls    | 7450 | 4/5            | 77                  | 29.5                   | --                     | --      |
| Deadman Gulch                     | Boise           | 5600 | 3/28           | 54                  | 20.2                   | 8.2                    | 16.8*   |

(b) 1963-1977, 15 year period. \* Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.



## SNOW

| DRAINAGE BASIN and or SNOW COURSE |                |      | THIS YEAR      |                     |                        | PAST RECORD            |         |
|-----------------------------------|----------------|------|----------------|---------------------|------------------------|------------------------|---------|
|                                   |                |      | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) |         |
| Name & Drainage                   | Elevation      |      |                |                     |                        | Last Year              | Average |
| Deadwood Airstrip                 | Deadwood       | 5360 | 4/2            | 58                  | 18.4                   | 10.6                   | 15.6    |
| Deadwood Summit                   | Deadwood       | 6860 | 4/2            | 165                 | 61.5                   | 35.3                   | 47.5    |
| Dempsey Creek                     | Portneuf       | 6100 | 3/29           | 52                  | 18.0                   | 9.2                    | 13.0    |
| Dollarhide Summit                 | Big Wood       | 8420 | 4/5            | 121                 | 38.9                   | 18.5                   | 25.1    |
| Double Springs Pass (A)           | Pahsimeroi     | 8380 | 4/2            | 48                  | 13.2                   | 7.9                    | 11.1*   |
| Dry Basin                         | Mink           | 7820 | 3/25           | 104                 | 38.5                   | 17.0                   | 30.2    |
| Dry Creek Flat                    | Malad          | 6360 | 3/25           | 22                  | 9.3                    | 0.9                    | 5.3     |
| Dry Fork                          | Big Lost       | 7220 | 3/29           | 65                  | 19.7                   | 12.4                   | 16.9*   |
| East Creek                        | Portneuf       | 7000 | 3/29           | 56                  | 19.0                   | 6.7                    | --      |
| East Twin                         | Palouse        | 4130 | 3/29           | 27                  | 11.4                   | 0.6                    | 9.8     |
| Elk Butte                         | Clearwater     | 5550 | 4/2            | 102                 | 35.4                   | 16.1                   | 38.8    |
| Emigrant Summit                   | Bear           | 7390 | 3/31           | 103                 | 36.7                   | 12.6                   | 26.0    |
| Emigration Canyon                 | Bear           | 6500 | 3/31           | 48                  | 16.4                   | 5.4                    | 11.1    |
| Fairview Guard Sta.               | Little Lost    | 6750 | 3/30           | 22                  | 6.6                    | 0.0                    | 3.2     |
| Fish Lake Airstrip                | Lochsa         | 5650 | 4/2            | 120                 | 40.8                   | 19.4                   | 41.2    |
| Fishpole Lake                     | Big Lost       | 9300 | 4/5            | 115                 | 32.1                   | 22.7                   | 21.1*   |
| Forty-nine Meadows                | Clearwater     | 4830 | 4/2            | 79                  | 28.6                   | 16.2                   | 32.5    |
| Fourth of July Summit             | Coeur d'Alene  | 3200 | 3/31           | 11                  | 3.2                    | 0.0                    | 8.8     |
| Fox Creek (Nv)                    | Jarbridge      | 6750 | 4/5            | 42                  | 14.7                   | 3.9                    | 9.9*    |
| Franklin Basin                    | Cub            | 8040 | 3/25           | 94                  | 35.3                   | 14.4                   | 28.2    |
| Freds Mountain (Wy)               | Teton          | 8150 | 3/29           | 91                  | 32.3                   | 15.3                   | 20.7*   |
| Galena                            | Big Wood       | 7440 | 3/29           | 75                  | 23.3                   | 15.0                   | 19.5    |
| Galena Snotel                     | Big Wood       | 7470 | 3/29           | 78                  | 25.6                   | --                     | --      |
| Galena Summit                     | Big Wood       | 8780 | 3/29           | 94                  | 32.3                   | 19.0                   | 25.2    |
| Garfield Ranger Sta.              | Little Wood    | 6560 | 4/5            | 54                  | 14.5                   | 6.4                    | 10.2    |
| George Creek (Ut)                 | Raft           | 8840 | 4/3            | 106                 | 34.5                   | 15.5                   | --      |
| George's Peak (Ut)                | Raft           | 9000 | 4/3            | 116                 | 44.0                   | --                     | --      |
| Gibbons Pass (Mt)                 | Bitterroot     | 7100 | 3/25           | 84                  | 30.9                   | 17.8                   | 24.8    |
| Giveout                           | Montpelier     | 6860 | 3/29           | 56                  | 19.0                   | 4.8                    | 13.0    |
| Goat Creek (Nv)                   | Salmon Falls   | 8880 | 4/5            | 83                  | 29.0                   | 11.4                   | 18.6    |
| Goat Lake                         | Clearwater     | 6500 | 4/2            | 139                 | 47.8                   | 25.8                   | 49.3    |
| Graham Guard Sta.                 | Boise          | 5690 | 4/2            | 57                  | 19.8                   | 7.1                    | --      |
| Graham Ranch                      | Big Wood       | 6270 | 3/29           | 54                  | 16.6                   | 12.2                   | 14.4    |
| Granite Peak                      | St. Joe        | 6000 | 4/2            | 140                 | 44.2                   | 22.1                   | 46.8    |
| Grassy Lake (Wy)                  | Henry's Fork   | 7265 | 3/29           | 122                 | 48.3                   | 22.7                   | 36.6    |
| Halverson Creek                   | Kootenai       | 4850 | 3/25           | 139                 | 60.8                   | 36.4                   | 44.2*   |
| Hall Creek                        | Lemhi          | 7560 | 4/2            | 36                  | 8.4                    | 4.8                    | 5.9*    |
| Hemlock Butte                     | Clearwater     | 5810 | 4/2            | 153                 | 52.2                   | 23.8                   | 51.3    |
| Hilts Creek                       | Little Lost    | 8000 |                | Unavailable         |                        | 11.0                   | --      |
| Hoodoo Basin (Mt)                 | Clark Fork     | 6000 | 3/29           | 148                 | 65.0                   | 34.4                   | 53.6*   |
| Hoodoo Creek (Mt)                 | Clark Fork     | 5900 | 3/29           | 139                 | 58.5                   | 28.5                   | 49.9    |
| Horseshoe Basin                   | Bear           | 8000 | 3/25           | 94                  | 35.7                   | 17.3                   | 25.6    |
| Howell Canyon                     | Marsh Creek    | 7980 | 4/3            | 96                  | 38.2                   | 12.7                   | 26.1    |
| Humboldt Gulch                    | Coeur d'Alene  | 4250 | 3/30           | 42                  | 15.0                   | --                     | --      |
| Hummingbird Spgs. (Nv)            | Jarbridge      | 8870 | 4/5            | 106                 | 37.1                   | 14.3                   | 23.7    |
| Hyde Pasture (A)                  | Jordan-Owyhee  | 5760 |                |                     |                        | 0.0                    | 3.2     |
| Hyndman Creek                     | Big Wood       | 7440 | 4/5            | 82                  | 22.1                   | 12.8                   | --      |
| Idaho City                        | Boise          | 4000 | 3/31           | 13                  | 3.1                    | --                     | --      |
| Indian Grove                      | Raft           | 7560 | 4/3            | 48                  | 15.7                   | 7.4                    | --      |
| Indian Meadows                    | Teton          | 8240 |                | Unavailable         |                        | --                     | 37.4*   |
| Iron Bog                          | Big Lost       | 7650 | 3/29           | 50                  | 13.2                   | 11.0                   | 14.1    |
| Iron Mine Creek                   | Fish Creek     | 6300 | 4/5            | 60                  | 15.9                   | 8.8                    | 10.5    |
| Irving Creek                      | Medicine Lodge | 7035 | 4/2            | 49                  | 9.5                    | 5.7                    | 5.7*    |
| Island Park                       | Henry's Fork   | 6290 | 3/28           | 56                  | 20.4                   | 10.7                   | 17.2    |
| Jackpine Creek (Wy)               | Teton          | 7350 | 3/31           | 80                  | 29.6                   | 11.9                   | 23.0*   |
| Jackson Peak                      | Boise          | 7070 | 4/2            | 112                 | 38.8                   | 21.7                   | 33.1    |
| Johnson Creek                     | Blackfoot      | 6730 | 3/31           | 52                  | 16.8                   | 8.4                    | --      |
| Johnson Pond                      | Owyhee         | 6700 |                |                     |                        | --                     | --      |
| Kellogg Peak                      | Coeur d'Alene  | 5560 | 4/1            | 92                  | 36.2                   | 13.6                   | 35.4    |
| Kilgore                           | Camas Creek    | 6320 | 3/29           | 40                  | 13.2                   | 7.1                    | 11.5    |
| Kit Carson Pasture                | Selway         | 4950 | 3/27           | 31                  | 13.1                   | 2.4                    | 9.1     |
| Kruze Meadow                      | Clearwater     | 4780 | 4/1            | 41                  | 14.6                   | 0.0                    | --      |
| Lake Fork                         | Payette        | 5290 | 3/27           | 46                  | 16.6                   | 8.8                    | 16.9    |
| Langford Flat Creek               | Salmon Falls   | 5980 | 4/5            | 16                  | 6.2                    | --                     | --      |
| Latham Springs                    | Henry's Fork   | 7630 |                |                     |                        | 23.8                   | 34.8    |
| Lava Creek                        | Willow         | 7350 | 3/29           | 66                  | 23.8                   | 8.8                    | --      |
| Leadbelt                          | Big Lost       | 6700 | 3/29           | 26                  | 9.2                    | 8.6                    | 9.4     |
| Leatherman Pass (A)               | Pahsimeroi     | 9860 | 4/2            | 85                  | 27.4                   | 19.9                   | 26.1*   |
| Lemhi Pass (Mt)                   | Beaverhead     | 7480 | 3/28           | 33                  | 10.4                   | 7.0                    | 9.9     |
| Lemhi Ridge (Mt)                  | Beaverhead     | 8100 | 3/28           | 42                  | 12.8                   | 8.9                    | 10.9*   |
| Liberty Spring                    | Mink           | 8600 | 3/25           | 146                 | 57.6                   | 17.8                   | 39.8    |
| Little Beaver                     | Montpelier     | 6970 | 3/29           | 62                  | 22.3                   | 6.6                    | 16.3    |

(b) 1963-1977, 15 year period. \* Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.

## SNOW

| DRAINAGE BASIN and or SNOW COURSE |                   |      | THIS YEAR      |                     |                        | PAST RECORD            |         |
|-----------------------------------|-------------------|------|----------------|---------------------|------------------------|------------------------|---------|
|                                   |                   |      | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) |         |
| Name & Drainage                   | Elevation         |      |                |                     |                        | Last Year              | Average |
| Little Camas Flat                 | Boise             | 4940 | 3/27           | 19                  | 8.8                    | 0.0                    | 4.0     |
| Logger Springs                    | Raft              | 8120 | 4/3            | 74                  | 24.2                   | 12.9                   | --      |
| Lolo Pass                         | Lochsa            | 5240 | 3/30           | 84                  | 34.3                   | 14.1                   | 32.6    |
| Lookout                           | Coeur d'Alene     | 5140 | 3/30           | 97                  | 37.6                   | 17.4                   | 37.1    |
| Lost Garfield                     | Little Lost       | 6600 | 3/30           | 19                  | 6.7                    | 0.0                    | 3.0     |
| Lost Lake                         | Clearwater        | 6110 | 4/2            | 167                 | 57.5                   | 34.3                   | 61.8*   |
| Lost-Wood Divide                  | Big Lost          | 7900 | 4/5            | 104                 | 33.8                   | 18.3                   | 24.8    |
| Lower Elkhorn                     | Portneuf          | 6960 | 3/25           | 56                  | 21.8                   | 6.9                    | 14.0*   |
| Lower Home Canyon                 | Montpelier        | 7640 | 3/31           | 58                  | 19.0                   | 6.5                    | 14.9*   |
| Lower Pebble                      | Portneuf          | 5780 | 3/29           | 53                  | 20.4                   | 5.4                    | 13.3*   |
| Lower Sands Creek                 | Coeur d'Alene     | 3120 | 3/30           | 43                  | 16.4                   | 4.2                    | 21.9    |
| Lucky Dog                         | Henrys Fork       | 6860 |                |                     |                        | 17.6                   | 26.0    |
| Magic Mountain                    | Rock Creek        | 6880 | 4/5            | 69                  | 25.9                   | 11.9                   | 19.2    |
| Mann Creek                        | Weiser            | 6080 | 3/27           | 76                  | 29.6                   | 18.8                   | 27.7*   |
| Mascot Mine                       | Big Wood          | 7780 | 4/5            | 87                  | 24.1                   | 13.2                   | 15.5    |
| McRenolds Reservoir               | Teton             | 6720 | 3/31           | 66                  | 22.8                   | 11.3                   | 20.7*   |
| Meadow Lake                       | Lemhi             | 9150 | 4/2            | 90                  | 28.0                   | 15.3                   | 20.8    |
| Mill Creek Summit                 | Salmon            | 8800 | 4/4            | 105                 | 33.8                   | 14.3                   | 24.1    |
| Mink Creek                        | Portneuf          | 6410 | 3/31           | 76                  | 29.1                   | 12.4                   | 18.3    |
| Montpelier Creek                  | Montpelier        | 6540 | 3/29           | 33                  | 9.3                    | 0.0                    | 8.4     |
| Moonshine                         | Little Lost       | 7440 | 3/30           | 44                  | 12.2                   | 6.8                    | 11.2    |
| Moore's Creek Summit              | Boise             | 6100 | 3/31           | 108                 | 40.8                   | 17.6                   | 33.6    |
| Moose Creek                       | N. F. Salmon      | 6200 | 4/1            | 63                  | 22.0                   | 10.8                   | 17.1    |
| Morgan Creek                      | Salmon            | 7600 | 4/1            | 63                  | 18.9                   | 9.0                    | 14.9    |
| Morse Creek Sawmill               | Salmon            | 7120 | 4/2            | 42                  | 11.0                   | 8.1                    | 9.5     |
| Moscow Mountain                   | Palouse           | 4410 | 3/29           | 50                  | 19.6                   | 4.3                    | 18.0    |
| Mosquito Ridge                    | Coeur d'Alene     | 5200 | 4/1            | 109                 | 41.8                   | 25.6                   | 40.2    |
| Mountain Meadows                  | Selway            | 6360 | 4/2            | 83                  | 25.1                   | 11.2                   | 26.1*   |
| Mount Baldy                       | Big Wood          | 8920 | 3/31           | 101                 | 31.6                   | 16.9                   | 21.4    |
| Mud Creek                         | Willow            | 7100 | 3/30           | 81                  | 28.5                   | 12.1                   | --      |
| Mud Flat                          | Owyhee            | 5730 | 3/30           | 19                  | 8.4                    | 0.0                    | 4.9     |
| Muldoon                           | Little Wood       | 6320 | 4/5            | 35                  | 9.3                    | 1.1                    | 7.1     |
| Nez Perce Pass (Mt)               | Bitterroot        | 6570 | 3/27           | 62                  | 24.1                   | 8.8                    | --      |
| North Putnam                      | Ross Fork         | 7240 | 4/5            | 102                 | 41.0                   | --                     | --      |
| One Mile Summit                   | Raft              | 7330 | 4/3            | 33                  | 9.2                    | 5.3                    | 7.6     |
| Oxford Mountain                   | Malad             | 6800 | 3/25           | 41                  | 14.1                   | 5.1                    | 9.5     |
| Oxford Spring                     | Malad             | 6740 | 3/25           | 45                  | 16.9                   | --                     | --      |
| Packsaddle Spring                 | Teton             | 8200 |                | Unavailable         |                        | 16.8                   | --      |
| Pebble Creek                      | Portneuf          | 6400 | 3/29           | 54                  | 20.5                   | 6.9                    | 16.7    |
| Perreau Meadows                   | Salmon            | 8500 | 3/31           | 62                  | 21.7                   | 11.2                   | --      |
| Phillips Bench (Wy)               | Teton             | 8200 | 3/29           | 110                 | 40.8                   | 15.6                   | 30.6*   |
| Pierce Ranger Sta.                | Clearwater        | 3080 | 4/1            | 30                  | 11.5                   | 0.0                    | 10.6    |
| Pine Creek Pass                   | Teton             | 6810 | 3/29           | 66                  | 23.2                   | 8.7                    | 18.3    |
| Placer Creek                      | Weiser            | 5860 | 3/28           | 64                  | 18.8                   | 12.2                   | 18.8    |
| Pole Creek Ranger Sta.            | Jarbridge         | 8360 | 4/5            | 86                  | 30.6                   | 14.9                   | 22.5    |
| Prairie                           | Boise             | 4800 | 3/28           | 10                  | 4.6                    | 0.0                    | 3.4     |
| Putnam                            | Portneuf          | 7220 | 4/4            | 77                  | 29.2                   | --                     | --      |
| Rammel Ridge                      | Teton             | 8240 | 3/31           | 132                 | 51.7                   | 22.3                   | --      |
| Red Canyon                        | Owyhee            | 6520 |                |                     |                        | 0.1                    | 5.0     |
| Redfish Lake Flat                 | Salmon            | 6560 | 3/30           | 46                  | 15.6                   | 7.2                    | 10.9*   |
| Road Creek                        | Boise             | 5380 | 4/2            | 41                  | 13.0                   | 2.4                    | 9.2*    |
| Robinson Creek Ridge              | Weiser            | 6220 | 3/27           | 44                  | 19.0                   | 15.8                   | 21.3*   |
| Rock Flat Summit                  | Payette           | 5310 | 3/29           | 54                  | 18.4                   | 10.8                   | 19.6    |
| Roland Summit                     | St. Joe           | 5120 | 4/1            | 106                 | 46.4                   | 13.0                   | 40.1*   |
| Sage Creek Saddle                 | Hayden            | 4080 | 3/29           | 43                  | 16.2                   | 0.5                    | --      |
| Savage Pass                       | Lochsa            | 6170 | 3/30           | 92                  | 34.3                   | 17.6                   | 28.6    |
| Sawmill Canyon                    | Little Lost       | 7000 | 3/30           | 37                  | 8.8                    | 6.8                    | 8.1     |
| Sawtell Mountain                  | Henrys Fork       | 8720 | 3/29           | 160                 | 48.8                   | 26.0                   | 35.1*   |
| Schwartz Lake                     | Lemhi             | 8540 | 4/2            | 68                  | 20.3                   | 9.0                    | 13.8    |
| Schweitzer Basin                  | Pend Oreille      | 6090 | 4/1            | 150                 | 61.0                   | --                     | --      |
| Schweitzer Bowl                   | Pend Oreille      | 4800 | 4/1            | 96                  | 38.6                   | --                     | 30.9*   |
| Schweitzer Ridge                  | Pend Oreille      | 6200 | 4/1            | 134                 | 54.5                   | 38.1                   | 47.8*   |
| Secesh Summit                     | Payette           | 6520 | 3/26           | 112                 | 46.8                   | 22.4                   | 37.2*   |
| Sedgwick Peak                     | Portneuf          | 7850 | 3/29           | 76                  | 26.3                   | 11.1                   | --      |
| Seventy Six Creek                 | Jarbridge-Bruneau | 7100 |                | Unavailable         |                        | 6.8                    | 11.4    |
| Shanghai Summit                   | Clearwater        | 4570 | 4/2            | 79                  | 27.2                   | 5.8                    | 27.2    |
| Sheep Mountain                    | Willow            | 6570 | 3/29           | 52                  | 18.3                   | 6.2                    | 13.9*   |
| Sherwin                           | St. Maries        | 3200 | 3/25           | 37                  | 15.1                   | 0.4                    | 13.8    |
| Shoshone Basin                    | Salmon Falls      | 5810 | 4/5            | 14                  | 5.0                    | 1.5                    | 5.1*    |
| Silver City                       | Jordan-Owyhee     | 6400 | 3/31           | 55                  | 19.8                   | 6.0                    | 15.4    |
| Skitwish Ridge                    | Coeur d'Alene     | 5110 | 3/30           | 74                  | 33.9                   | --                     | --      |
| Slug Creek Divide                 | Blackfoot         | 7230 | 3/29           | 64                  | 22.3                   | 9.0                    | 18.0    |

(b) 1963-1977, 15 year period. \* Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.

## SNOW

| DRAINAGE BASIN and or SNOW COURSE |                   |      | THIS YEAR      |                     |                        | PAST RECORD            |         |
|-----------------------------------|-------------------|------|----------------|---------------------|------------------------|------------------------|---------|
|                                   |                   |      | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) |         |
| Name & Drainage                   | Elevation         |      |                |                     |                        | Last Year              | Average |
| Smith Creek                       | Kootenai          | 4800 | 3/31           | 127                 | 52.8                   | 34.2                   | 48.8    |
| Soldier Ranger Sta.               | Big Wood          | 5740 | 3/27           | 35                  | 11.9                   | 0.0                    | 10.3    |
| Somsen Ranch                      | Willow Creek      | 6840 | 3/30           | 60                  | 20.6                   | 9.0                    | 15.1    |
| South Mountain                    | Jordan-Owyhee     | 6500 | 3/31           | 52                  | 19.0                   | 8.2                    | 13.0    |
| Squaw Flat                        | Weiser            | 6240 | 3/27           | 72                  | 26.8                   | 15.6                   | --      |
| Squaw Meadow                      | Payette           | 5900 | 3/26           | 106                 | 45.3                   | 22.2                   | 37.4    |
| State Line                        | Teton             | 6660 | 3/29           | 50                  | 17.4                   | 7.7                    | 15.3    |
| Stickney Mill                     | Big Lost          | 7430 | 4/5            | 54                  | 13.7                   | 10.1                   | 10.6    |
| Strawberry Creek                  | Mink              | 5820 | 3/31           | 36                  | 12.7                   | 4.9                    | 10.2    |
| Strawberry Mink Divide            | Mink              | 6720 | 3/25           | 73                  | 28.8                   | 10.0                   | 21.9    |
| Sturgill Ridge                    | Weiser            | 6680 | 3/27           | 89                  | 34.4                   | 21.4                   | 32.6*   |
| Sublett                           | Raft              | 5950 | 4/3            | 45                  | 16.3                   | 5.6                    | 11.1    |
| Succor Creek                      | Jordan-Owyhee     | 6100 |                |                     |                        | 5.1                    | 5.0     |
| Sulphur Peak                      | Blackfoot         | 7070 | 3/31           | 58                  | 19.9                   | 8.6                    | --      |
| Sunset                            | Coeur d'Alene     | 5540 | 4/1            | 100                 | 37.0                   | 17.0                   | 36.2    |
| Swede Peak                        | Little Wood       | 7640 | 4/5            | 95                  | 26.0                   | 13.0                   | 18.1    |
| Targhee Pass                      | Henrys Fork       | 6980 | 3/29           | 67                  | 16.8                   | 9.0                    | 17.1*   |
| Telfer Ranch                      | Fish Creek        | 5840 | 4/5            | 32                  | 10.3                   | 0.0                    | 6.8     |
| Teton Pass W.S.                   | (Wy) Teton        | 7740 | 3/30           | 93                  | 34.7                   | 15.6                   | 27.7*   |
| Tex Creek                         | Willow            | 6650 | 3/29           | 44                  | 13.6                   | 7.6                    | 9.7*    |
| Thorson Cabin                     | Weiser            | 5320 | 3/27           | 53                  | 21.0                   | 11.4                   | 14.3*   |
| Toponce                           | Portneuf          | 6160 | 4/4            | 60                  | 24.2                   | --                     | --      |
| Trinity Mountain                  | Boise             | 7770 | 4/5            | 160                 | 60.8                   | 26.5                   | 43.2    |
| Tripod Summit                     | Payette           | 5260 | 3/28           | 56                  | 20.9                   | 10.1                   | 19.7    |
| Twin Peaks (A)                    | Salmon            | 9190 | 4/4            | 109                 | 35.1                   | 14.6                   | 28.0    |
| Upper Elkhorn                     | Portneuf          | 7140 | 3/25           | 78                  | 27.1                   | 11.4                   | 19.5*   |
| Upper Home Canyon                 | Montpelier        | 8560 | 3/31           | 95                  | 35.2                   | 12.1                   | 25.1*   |
| Valley View                       | Henrys Fork       | 6680 | 3/29           | 71                  | 19.8                   | 9.9                    | 18.4    |
| Vaught Ranch (A)                  | Owyhee            | 5830 |                |                     |                        | 0.0                    | 1.7*    |
| Vienna Mine                       | Salmon            | 8960 | 4/5            | 153                 | 55.6                   | 26.8                   | 38.7*   |
| Vi Pont                           | Goose             | 7670 | 4/3            | 61                  | 22.0                   | 9.5                    | 15.1*   |
| War Eagle                         | Jordan-Owyhee     | 7280 |                |                     |                        | --                     | 25.1*   |
| Webb Creek                        | Clearwater        | 4720 | 4/1            | 40                  | 14.4                   | 0.0                    | --      |
| Webber Creek                      | Medicine Lodge    | 6700 | 4/2            | 49                  | 9.8                    | 5.4                    | --      |
| West Branch                       | Weiser            | 5560 | 3/31           | 87                  | 29.8                   | 17.5                   | --      |
| West Twin                         | Palouse           | 4220 | 3/29           | 16                  | 6.1                    | 0.8                    | 9.1     |
| Wet Creek Summit                  | Little Lost       | 7680 | 3/31           | 58                  | 15.3                   | 9.3                    | 13.6    |
| Whiskey Flat                      | Montpelier        | 6960 | 3/29           | 45                  | 15.3                   | 1.8                    | 9.4     |
| White Elephant                    | Henrys Fork       | 7710 | 3/29           | 113                 | 34.4                   | 18.5                   | 25.6*   |
| Wildhorse Divide                  | Portneuf          | 6490 | 3/31           | 67                  | 25.8                   | --                     | --      |
| Williams Creek Summit             | Salmon            | 7990 | 3/31           | 54                  | 16.7                   | 8.0                    | 13.5    |
| Willow Flat                       | Cub               | 6070 | 3/25           | 46                  | 19.3                   | 6.6                    | 14.8    |
| Wilson Creek                      | (Nv) Salmon Falls | 7500 | 4/5            | 55                  | 19.7                   | 4.2                    | 11.9    |
| Wood Canyon Divide                | Blackfoot         | 7450 | 3/31           | 71                  | 24.8                   | 9.7                    | --      |
| Worm Creek                        | Cub               | 6620 | 3/25           | 59                  | 23.0                   | 11.6                   | --      |

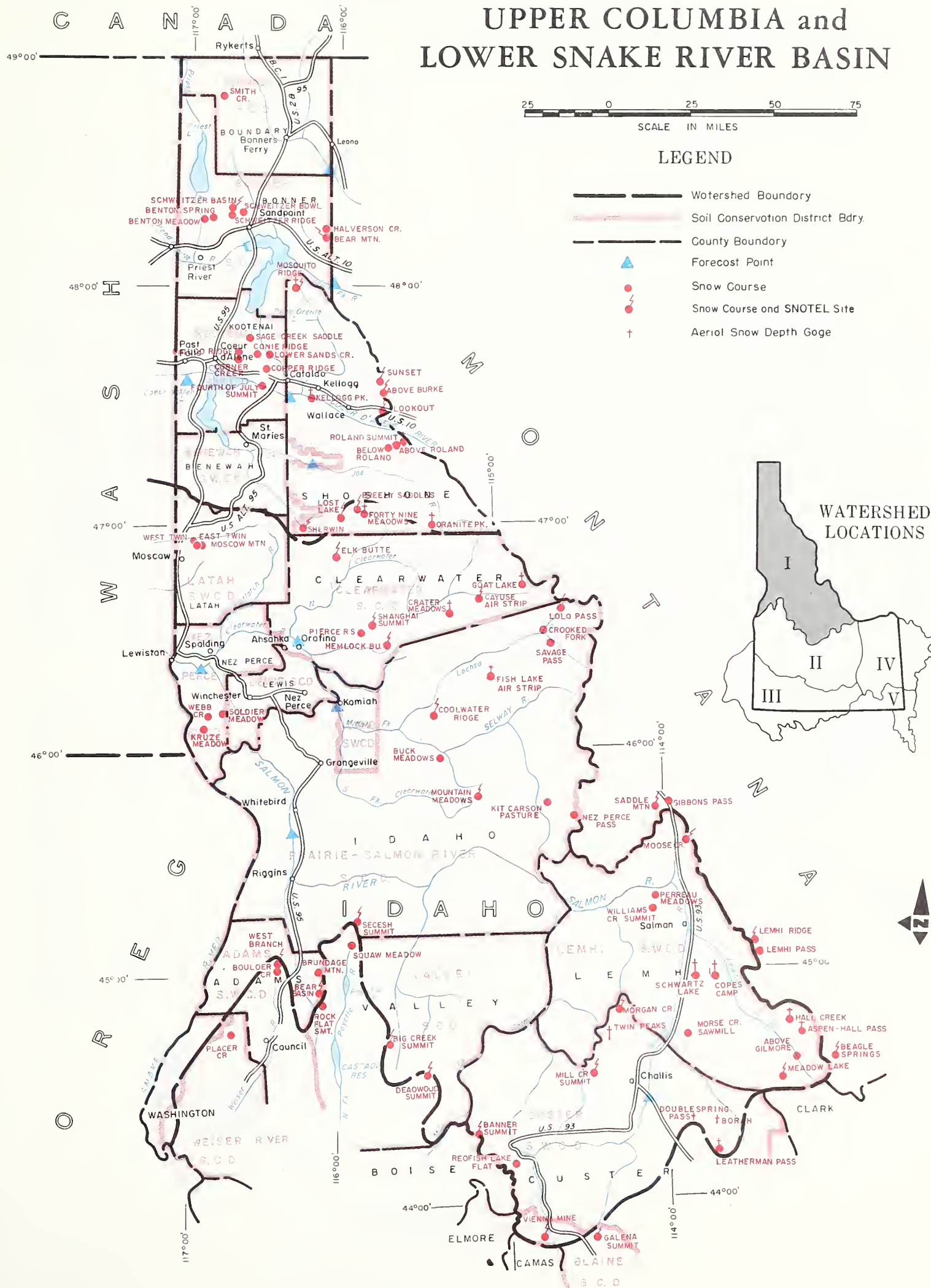
(b) 1963-1977, 15 year period. \* Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.





# UPPER COLUMBIA and LOWER SNAKE RIVER BASIN



# INDEX to SNOW COURSES

## UPPER COLUMBIA BASIN

| No.                       | State | Name                  | Sec.<br>Lat. | Twp.<br>or<br>And | Rge.<br>Long. | Elev |
|---------------------------|-------|-----------------------|--------------|-------------------|---------------|------|
| KOOTENAI RIVER            |       |                       |              |                   |               |      |
| 16A7                      | I     | Halverson Creek       | 3            | 57N               | 3E            | 4850 |
| 16A1                      | I     | Smith Creek           | 29           | 64N               | 3W            | 4800 |
| PEND OREILLE-PRIEST RIVER |       |                       |              |                   |               |      |
| 16A8S                     | I     | Bear Mountain         | 9            | 57N               | 3E            | 5400 |
| 16A2                      | I     | Benton Meadow         | 27           | 58N               | 4W            | 2370 |
| 16A3                      | I     | Benton Spring         | 30           | 58N               | 3W            | 4920 |
| 16A10S                    | I     | Schweitzer Basin      | 18           | 58N               | 2W            | 6090 |
| 16A6                      | I     | Schweitzer Bowl       | 20           | 58N               | 2W            | 4800 |
| 16A5                      | I     | Schweitzer Ridge      | 19           | 58N               | 2W            | 6200 |
| HAYDEN CREEK              |       |                       |              |                   |               |      |
| 16B8                      | I     | Chilco Ridge          | 15           | 52N               | 2W            | 3650 |
| 16B7                      | I     | Conie Ridge           | 22           | 52N               | 2W            | 3900 |
| 16B9                      | I     | Corner Creek          | 22           | 52N               | 2W            | 3150 |
| 16B6                      | I     | Sage Creek Saddle     | 10           | 52N               | 2W            | 4080 |
| SPOKANE RIVER             |       |                       |              |                   |               |      |
| 15B8                      | I     | Above Burke           | 11           | 48N               | 5E            | 4100 |
| 15B7                      | I     | Above Roland          | 35           | 47N               | 6E            | 4350 |
| 15B6                      | I     | Below Roland          | 35           | 47N               | 6E            | 3920 |
| 16B2                      | I     | Copper Ridge          | 6            | 50N               | 1W            | 4820 |
| 16B3                      | I     | Fourth of July Summit | 6            | 49N               | 1W            | 3200 |
| 15B13A                    | I     | Granite Peak          | 4            | 42N               | 8E            | 6000 |
| 16B5A                     | I     | Kellogg Peak          | 19           | 48N               | 3E            | 5560 |
| 15B2S                     | I     | Lookout               | 4            | 47N               | 6E            | 5140 |
| 16B1                      | I     | Lower Sands Creek     | 32           | 51N               | 1W            | 3120 |
| 16A4AS                    | I     | Mosquito Ridge        | 5            | 54N               | 2E            | 5200 |
| 15B5A                     | I     | Roland Summit         | 26           | 47N               | 6E            | 5120 |
| 16C1S                     | I     | Sherwin               | 28           | 42N               | 1E            | 3200 |
| 15B9AS                    | I     | Sunset                | 33           | 49N               | 5E            | 5540 |

## LOWER SNAKE BASIN

| No.              | State | Name                  | Sec.<br>Lat. | Twp.<br>or<br>And | Rge.<br>Long. | Elev |
|------------------|-------|-----------------------|--------------|-------------------|---------------|------|
| PALOUSE RIVER    |       |                       |              |                   |               |      |
| 16C3             | I     | East Twin             | 13           | 40N               | 5W            | 4130 |
| 16C2             | I     | Moscow Mountain       | 18           | 40N               | 4W            | 4410 |
| 16C4             | I     | West Twin             | 14           | 40N               | 5W            | 4220 |
| CLEARWATER RIVER |       |                       |              |                   |               |      |
| 15B20SR          | I     | Breezy Saddle         | 1            | 43N               | 4E            | 5010 |
| 15D5             | I     | Buck Meadows          | 27           | 31N               | 8E            | 5650 |
| 15C3S            | I     | Cayuse Airstrip       | 4            | 38N               | 11E           | 3500 |
| 15C7S            | I     | Coolwater Mountain    | 31           | 33N               | 8E            | 6040 |
| 15C9A            | I     | Crater Meadows        | 11           | 37N               | 9E            | 5960 |
| 14C11            | I     | Crooked Fork          | 27           | 37N               | 14E           | 3610 |
| 16C15            | I     | Elk Butte             | 6            | 40N               | 3E            | 5550 |
| 15C2A            | I     | Fish Lake Airstrip    | 34           | 35N               | 11E           | 5650 |
| 15B3A            | I     | Forty-nine Meadows    | 6            | 43N               | 5E            | 4830 |
| 14C9A            | I     | Goat Lake             | 4            | 38N               | 13E           | 6500 |
| 16C6SR           | I     | Hemlock Butte         | 7            | 36N               | 7E            | 5810 |
| 15C10S           | M     | Hoodoo Basin          | 17           | 14N               | 27W           | 6000 |
| 15C1             | M     | Hoodoo Creek          | 16           | 14N               | 27W           | 5900 |
| 14D3             | I     | Kit Carson Pasture    | 4            | 27N               | 15E           | 4950 |
| 16C17            | I     | Kruze Meadows         | 11           | 32N               | 4W            | 4780 |
| 14C5S            | I     | Lolo Pass             | 16           | 38N               | 15E           | 5240 |
| 15B14S           | I     | Lost Lake             | 9            | 43N               | 4E            | 6110 |
| 15D6S            | I     | Mountain Meadows      | 9            | 27N               | 10E           | 6360 |
| 14D1             | M     | Nez Perce Pass        | 25           | 1S                | 24W           | 6570 |
| 15C5             | I     | Pierce Ranger Station | 2            | 36N               | 5E            | 3080 |
| 14C4             | I     | Savage Pass           | 18           | 36N               | 15E           | 6170 |
| 15C4S            | I     | Shanghai Summit       | 7            | 37N               | 6E            | 4600 |
| 16C18            | I     | Soldier Meadows       | 33           | 33N               | 3W            | 4650 |
| 16C19            | I     | Webb Creek            | 36           | 33N               | 3½W           | 4720 |
| SALMON RIVER     |       |                       |              |                   |               |      |
| 13E19            | I     | Above Gilmore         | 13           | 13N               | 26E           | 8240 |
| 13E21A           | I     | Aspen-Hall Pass       | 6            | 16N               | 28E           | 8200 |
| 16E11S           | I     | Bear Basin            | 30           | 19N               | 3E            | 5350 |
| 15E2S            | I     | Big Creek Summit      | 24           | 15N               | 5E            | 6580 |
| 13E8A            | I     | Borah                 | 21           | 10N               | 23E           | 8250 |
| 16D6             | I     | Brundage Mountain     | 6            | 19N               | 3E            | 7560 |
| 13E17            | I     | Copes Camp            | 36           | 18N               | 22E           | 7520 |
| 13E25A           | I     | Double Springs Pass   | 3            | 10N               | 22E           | 8400 |
| 13D2             | M     | Gibbons Pass          | 4            | 2S                | 19W           | 7100 |
| 13E20            | I     | Hall Creek            | 1            | 16N               | 27E           | 7560 |
| 13E24A           | I     | Leatherman Pass       | 20           | 9N                | 23E           | 9860 |
| 13E1             | M     | Lemhi Pass            | 9            | 10S               | 15W           | 7480 |
| 13E23S           | M     | Lemhi Ridge           | 4            | 10S               | 15W           | 8100 |
| 13E18S           | I     | Meadow Lake           | 26           | 13N               | 26E           | 9150 |
| 14E1S            | I     | Mill Creek Summit     | 8            | 13N               | 17E           | 8800 |
| 13D16S           | I     | Moose Creek           | 14           | 27N               | 21E           | 6200 |
| 14E4S            | I     | Morgan Creek          | 31           | 18N               | 19E           | 7600 |
| 13E26            | I     | Morse Creek Sawmill   | 8            | 15N               | 23E           | 7120 |
| 14D5             | I     | Perreau Meadows       | 23           | 21N               | 20E           | 8500 |
| 14E7             | I     | Redfish Lake Flat     | 35           | 10N               | 13E           | 6560 |
| 13E16            | I     | Schwartz Lake         | 34           | 18N               | 22E           | 8540 |
| 14E3A            | I     | Twin Peaks            | 28           | 15N               | 17E           | 9190 |
| 14F4S            | I     | Vienna Mine           | 1            | 5N                | 13E           | 8960 |
| 14D4             | I     | Williams Creek Summit | 34           | 21N               | 20E           | 7990 |

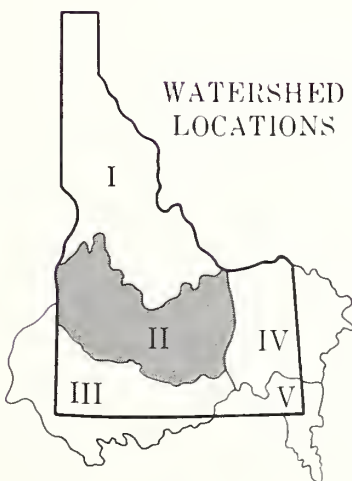
### LEGEND

Numbering System (example)

|       |                                  |
|-------|----------------------------------|
| 10J7  | Snow course only                 |
| 10J7A | Snow course and/or aerial marker |
| 10J7S | Snow course and snotel site      |
| 10J7R | Radioactive gage                 |



# MIDDLE SNAKE RIVER BASIN NORTHSIDE



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and SNOTEL Site
- † Aerial Snow Depth Gage



# INDEX to SNOW COURSES

## MIDDLE SNAKE RIVER BASIN NORTHSIDE

| No.               | State | Name                    | Sec.<br>Lat. | Twp.<br>or<br>And | Rge.<br>Long. | Elev |
|-------------------|-------|-------------------------|--------------|-------------------|---------------|------|
| LITTLE LOST RIVER |       |                         |              |                   |               |      |
| 13E5              | I     | Fairview Guard Station  | 27           | 12N               | 26E           | 6750 |
| 13E10S            | I     | Hilts Creek             | 15           | 8N                | 25E           | 8000 |
| 13E3              | I     | Lost-Garfield           | 3            | 11N               | 26E           | 6600 |
| 13E6S             | I     | Moonshine               | 31           | 13N               | 26E           | 7440 |
| 13E4              | I     | Sawmill Canyon          | 17           | 12N               | 26E           | 7000 |
| 13E7              | I     | Wet Creek Summit        | 15           | 8N                | 25E           | 7680 |
| BIG LOST RIVER    |       |                         |              |                   |               |      |
| 13F3S             | I     | Bear Canyon             | 22           | 5N                | 21E           | 7900 |
| 13F2              | I     | Copper Basin            | 26           | 6N                | 21E           | 7640 |
| 13F20             | I     | Dry Fork                | 23           | 3N                | 23E           | 7220 |
| 13F8              | I     | Fishpole Lake           | 28           | 4N                | 22E           | 9300 |
| 13F11             | I     | Iron Bog                | 23           | 4N                | 22E           | 7650 |
| 13F12             | I     | Leadbelt                | 34           | 4N                | 23E           | 6700 |
| 14F3S             | I     | Lost Wood Divide        | 25           | 6N                | 18E           | 7900 |
| 14F2S             | I     | Stickney Mill           | 9            | 6N                | 19E           | 7430 |
| BIG WOOD RIVER    |       |                         |              |                   |               |      |
| 15F9              | I     | Camas Creeks Divide     | 11           | 2S                | 9E            | 5710 |
| 15F15             | I     | Chimney Creek           | 9            | 1N                | 12E           | 6400 |
| 14F8S             | I     | Dollarhide Summit       | 9            | 3N                | 15E           | 8420 |
| 14F1              | I     | Galena                  | 4            | 6N                | 15E           | 7440 |
| 14F6S             | I     | Galena Snotel           | 4            | 6N                | 15E           | 7470 |
| 14F12S            | I     | Galena Summit           | 7            | 6N                | 15E           | 8780 |
| 14F5              | I     | Graham Ranch            | 10           | 5N                | 17E           | 6270 |
| 14F16S            | I     | Hyndman Creek           | 2            | 4N                | 19E           | 7440 |
| 14F7              | I     | Mascot Mine             | 8            | 4N                | 20E           | 7780 |
| 14F9              | I     | Mount Baldy             | 23           | 4N                | 17E           | 8920 |
| 14F11             | I     | Soldier Ranger Station  | 29           | 2N                | 14E           | 5740 |
| LITTLE WOOD RIVER |       |                         |              |                   |               |      |
| 13F4S             | I     | Garfield Ranger Station | 11           | 3N                | 21E           | 6560 |
| 13F5              | I     | Muldoon                 | 26           | 3N                | 21E           | 6320 |
| 13F9RS            | I     | Swede Peak              | 4            | 3N                | 21E           | 7640 |
| FISH CREEK        |       |                         |              |                   |               |      |
| 13F10             | I     | Iron Mine Creek         | 33           | 3N                | 23E           | 6300 |
| 13F6              | I     | Telfer Ranch            | 7            | 2N                | 23E           | 5840 |
| BOISE RIVER       |       |                         |              |                   |               |      |
| 15F4S             | I     | Atlanta Summit          | 23           | 5N                | 10E           | 7580 |
| 15F2              | I     | Bad Bear                | 35           | 7N                | 6E            | 4940 |
| 16F4              | I     | Bogus Basin Road        | 32           | 5N                | 3E            | 5540 |

| No.                 | State | Name                    | Sec.<br>Lat. | Twp.<br>or<br>And | Rge.<br>Long. | Elev |
|---------------------|-------|-------------------------|--------------|-------------------|---------------|------|
| BOISE RIVER (cont.) |       |                         |              |                   |               |      |
| 14F10               | I     | Couch Summit            | 9            | 2N                | 14E           | 6840 |
| 16F1                | I     | Deadman Gulch           | 29           | 7N                | 4E            | 5600 |
| 15F14SR             | I     | Graham Guard Station    | 9            | 7N                | 10E           | 5690 |
| 15E9S               | I     | Jackson Peak            | 7            | 8N                | 9E            | 7070 |
| 15F1SR              | I     | Moore's Creek Summit    | 19           | 7N                | 7E            | 6100 |
| 15F6S               | I     | Prairie                 | 13           | 2N                | 7E            | 4800 |
| 15F3                | I     | Road Creek              | 5            | 5N                | 8E            | 5380 |
| 15F5SR              | I     | Trinity Mountain        | 6            | 3N                | 9E            | 7770 |
| CANYON CREEK        |       |                         |              |                   |               |      |
| 15F7S               | I     | Bennett Mountain        | 7            | 2S                | 9E            | 6560 |
| 15F12               | I     | Little Camas Flat       | 21           | 1S                | 9E            | 4940 |
| PAYETTE RIVER       |       |                         |              |                   |               |      |
| 15E11S              | I     | Banner Summit           | 11           | 11N               | 10E           | 7040 |
| 16F2                | I     | Bogus Basin             | 16           | 5N                | 3E            | 6340 |
| 15E8SR              | I     | Cozy Cove               | 17           | 11N               | 7E            | 5380 |
| 15E3                | I     | Crawford Ranger Station | 21           | 14N               | 4E            | 4860 |
| 15E10               | I     | Deadwood Airstrip       | 8            | 11N               | 7E            | 5360 |
| 15E4S               | I     | Deadwood Summit         | 13           | 14N               | 7E            | 6860 |
| 15E1                | I     | Lake Fork               | 3            | 18N               | 4E            | 5290 |
| 16E1                | I     | Rock Flat Summit        | 1            | 18N               | 2E            | 5310 |
| 15D1S               | I     | Secesh Summit           | 4            | 21N               | 4E            | 6520 |
| 15D2                | I     | Squaw Meadow            | 17           | 21N               | 4E            | 5900 |
| 16E3                | I     | Tripod Summit           | 17           | 11N               | 3E            | 5260 |
| WEISER RIVER        |       |                         |              |                   |               |      |
| 16D1                | I     | Boulder Creek           | 16           | 20N               | 1W            | 5440 |
| 16E2                | I     | Placer Creek            | 15           | 17N               | 3W            | 5860 |
| 16E5S               | I     | Squaw Flat              | 32           | 17N               | 2E            | 6240 |
| 16D8S               | I     | West Branch             | 15           | 20N               | 1W            | 5560 |
| MANN CREEK          |       |                         |              |                   |               |      |
| 6E10S               | I     | Bear Saddle             | 29           | 15N               | 5W            | 6180 |
| 16E9                | I     | Mann Creek              | 20           | 15N               | 5W            | 6080 |
| 17E1                | I     | Robinson Creek Ridge    | 2            | 14N               | 6W            | 6220 |
| 16E8                | I     | Sturgill Ridge          | 28           | 15N               | 5W            | 6680 |
| 17E2                | I     | Thorson Cabin           | 12           | 14N               | 6W            | 5320 |

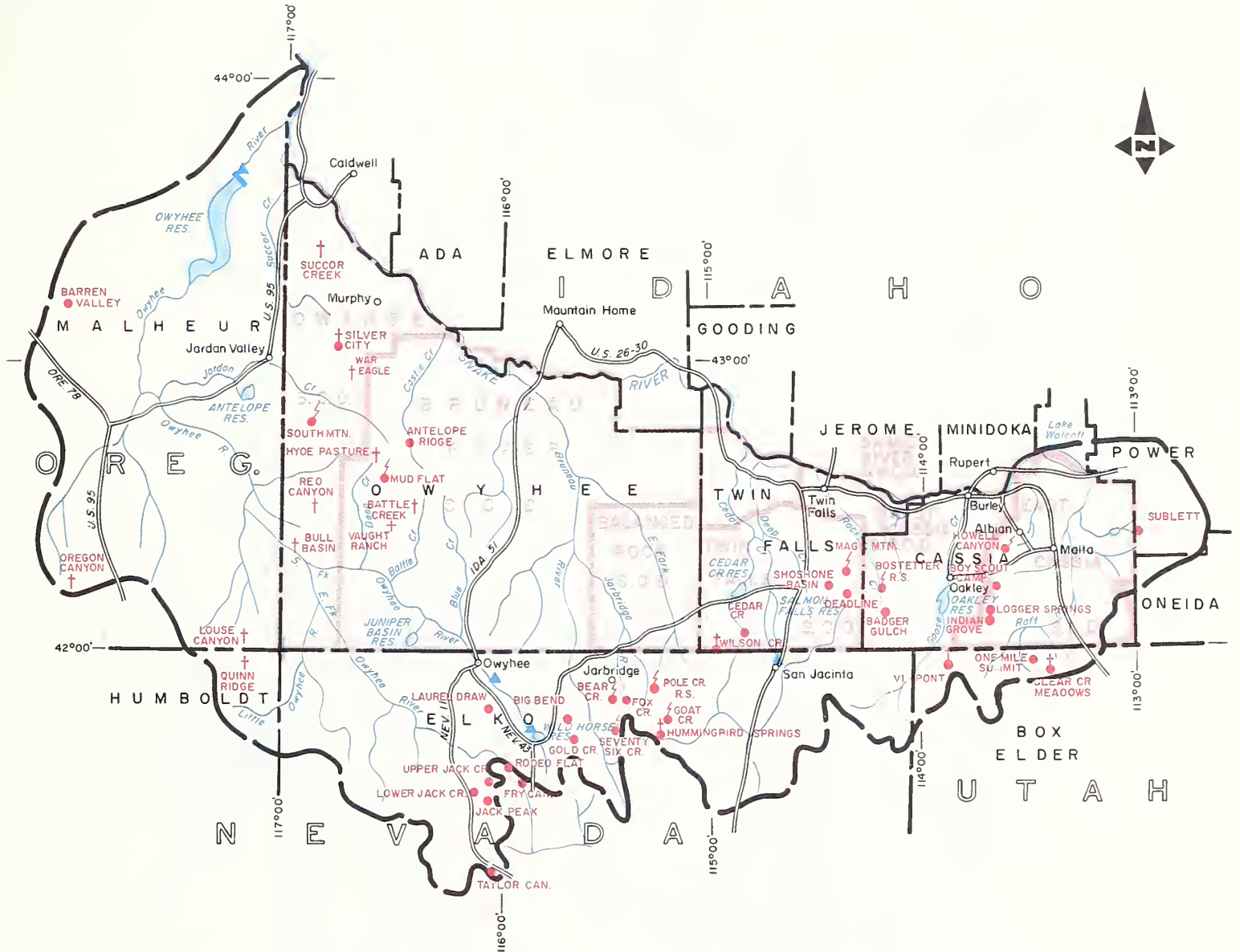
### LEGEND

Numbering System (example)

|       |                                  |
|-------|----------------------------------|
| 10J7  | Snow course only                 |
| 10J7A | Snow course and/or aerial marker |
| 10J7S | Snow course and snotel site      |
| 10J7R | Radioactive gage                 |

# MIDDLE SNAKE RIVER BASIN SOUTHSIDE

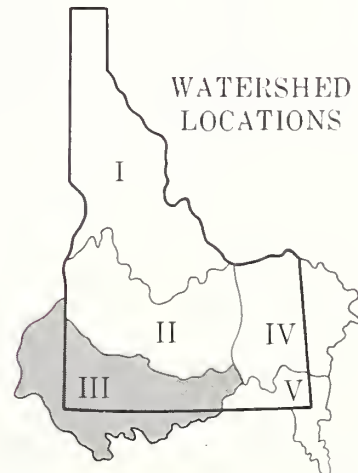
25 0 25 50 75  
SCALE IN MILES



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forcast Point
- Snow Course
- Snow Course and SNOTEL Site
- † Aerial Snow Depth Gage

## WATERSHED LOCATIONS



# INDEX to SNOW COURSES

## MIDDLE SNAKE RIVER BASIN SOUTHSIDE

| No.                   | State | Name                      | Sec. | Twp. | Rge.  | Elevation |
|-----------------------|-------|---------------------------|------|------|-------|-----------|
|                       |       |                           | Lat. | And  | Long. |           |
| RAFT RIVER            |       |                           |      |      |       |           |
| 13G2                  | I     | Boy Scout Camp            | 8    | 14S  | 24E   | 7740      |
| 13H2                  | U     | Clear Creek Meadows       | 26   | 14N  | 14W   | 9420      |
| 13G1S                 | I     | Howell Canyon             | 2    | 13S  | 24E   | 7980      |
| 13G4                  | I     | Indian Grove              | 14   | 15S  | 23E   | 7560      |
| 13G3                  | J     | Logger Springs            | 2    | 15S  | 23E   | 8120      |
| 13H1                  | U     | One Mile Summit           | 17   | 14N  | 14W   | 7330      |
| 12G8                  | I     | Sublett                   | 17   | 12S  | 30E   | 5950      |
| GOOSE - TRAPPER CREEK |       |                           |      |      |       |           |
| 14G3                  | I     | Badger Gulch              | 24   | 15S  | 19E   | 6660      |
| 14G1S                 | I     | Bostetter Ranger Station  | 35   | 14S  | 19E   | 7500      |
| 13H3A                 | U     | Vi Pont                   | 17   | 14N  | 17W   | 7670      |
| SALMON FALLS CREEK    |       |                           |      |      |       |           |
| 14G5                  | I     | Cedar Creek               | 26   | 15S  | 13E   | 6800      |
| 14G4                  | I     | Deadline                  | 25   | 14S  | 18E   | 6900      |
| 15H13S                | N     | Goat Creek                | 31   | 46N  | 60E   | 8880      |
| 14G2S                 | I     | Magic Mountain            | 25   | 14S  | 18E   | 6880      |
| 14G6                  | I     | Shoshone Basin            | 24   | 14S  | 17E   | 5810      |
| 15G2                  | I     | Wilson Creek              | 24   | 16S  | 12E   | 7500      |
| BRUNEAU RIVER         |       |                           |      |      |       |           |
| 15H1S                 | N     | Bear Creek                | 31   | 46N  | 58E   | 8040      |
| 15H2                  | N     | Fox Creek                 | 33   | 46N  | 58E   | 6750      |
| 15H15                 | N     | Hummingbird Springs       | 12   | 45N  | 59E   | 8870      |
| 15H14S                | N     | Pole Creek Ranger Station | 13   | 46N  | 50E   | 8360      |
| 15H3S                 | N     | Seventy-six Creek         | 6    | 44N  | 58E   | 7100      |
| OWYHEE RIVER          |       |                           |      |      |       |           |
| 16G6                  | I     | Antelope Ridge            | 35   | 8S   | 1W    | 6140      |
| 18F5                  | O     | Barren Valley             | 26   | 17S  | 38E   | 4200      |
| 16G9A                 | I     | Battle Creek              | 10   | 11S  | 1E    | 5720      |
| 15H4                  | N     | Big Bend                  | 30   | 45N  | 56E   | 6700      |
| 16G10A                | I     | Bull Basin                | 29   | 12S  | 5W    | 5460      |
| 15H7                  | N     | Fry Canyon                | 31   | 43N  | 54E   | 6700      |
| 15H5                  | N     | Gold Creek                | 31   | 45N  | 56E   | 6600      |
| 16G5A                 | I     | Hyde Pasture              | 31   | 8S   | 2W    | 5760      |
| 16H4                  | N     | Jacks Peak                | 28   | 42N  | 53E   | 8420      |
| 16H5                  | N     | Laurel Draw               | 20   | 45N  | 53E   | 6700      |
| 17G4A                 | O     | Louse Canyon              | 27   | 40S  | 44E   | 6440      |
| 16H1M                 | N     | Lower Jack Creek          | 18   | 42N  | 53E   | 6800      |
| 16G7S                 | I     | Mud Flat                  | 34   | 9S   | 2W    | 5730      |
| 17G5A                 | O     | Oregon Canyon             | 9    | 40S  | 40E   | 6950      |
| 17H6A                 | N     | Quinn Ridge               | 9    | 47N  | 41E   | 6300      |
| 16G11A                | I     | Red Canyon                | 32   | 11S  | 4W    | 6650      |
| 15H6M                 | N     | Rodeo Flat                | 36   | 43N  | 53E   | 6800      |
| 16F3                  | I     | Silver City               | 7    | 5S   | 3W    | 6400      |
| 16G1S                 | I     | South Mountain            | 35   | 7S   | 5W    | 6500      |
| 16F6A                 | I     | Succor Creek              | 25   | 3S   | 5W    | 6100      |
| 15H9M                 | N     | Taylor Canyon             | 35   | 39N  | 53E   | 6200      |
| 16H2                  | N     | Upper Jack Creek          | 9    | 42N  | 53E   | 7250      |
| 16G12A                | I     | Vaught Ranch              | 10   | 11S  | 1W    | 5950      |
| 16G13A                | I     | War Eagle                 | 20   | 5S   | 3W    | 7280      |

### LEGEND

Numbering System (example)

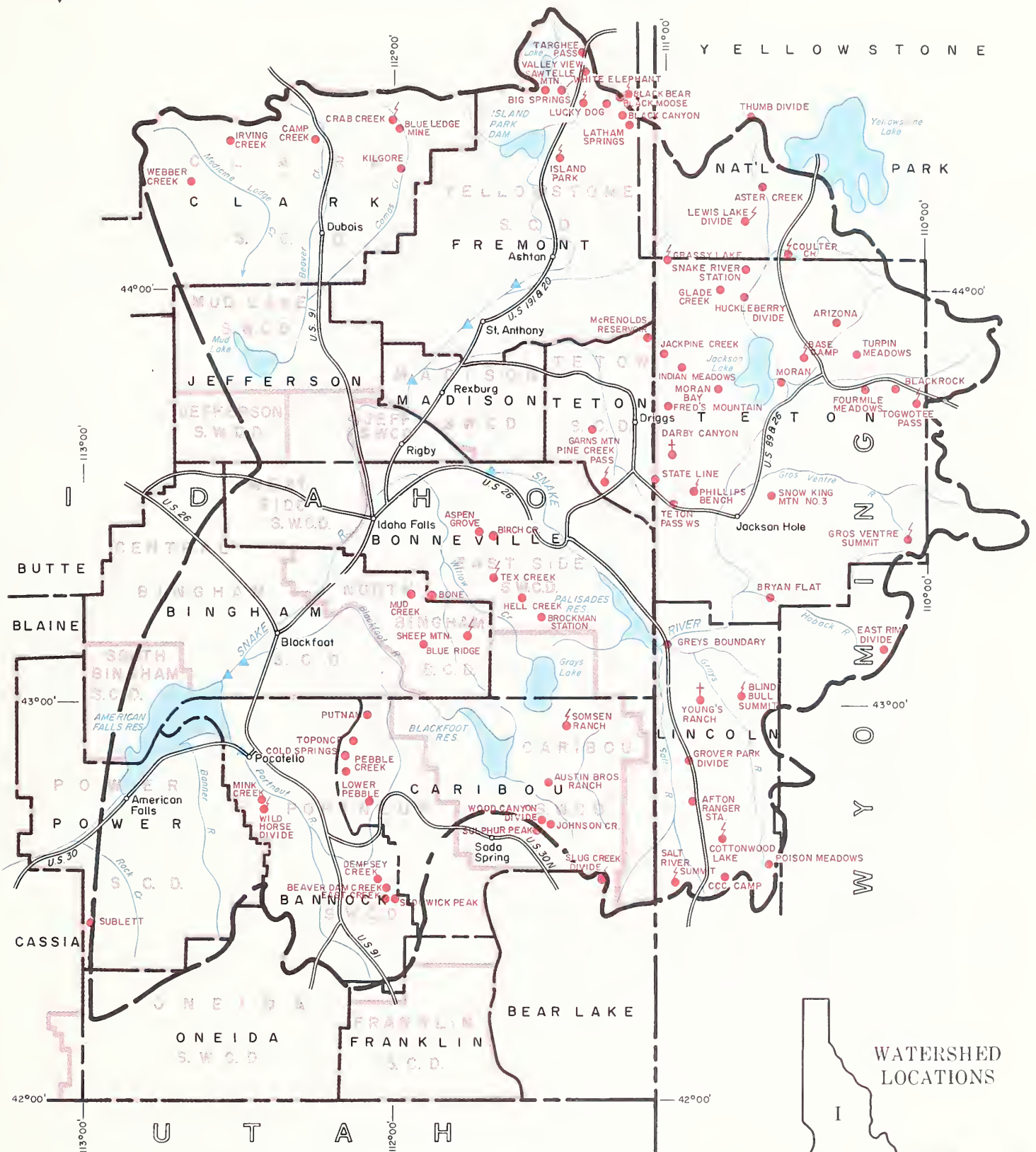
10J7 Snow course only  
 10J7A Snow course and/or aerial marker  
 10J7S Snow course and snotel site  
 10J7R Radioactive gage



# UPPER SNAKE RIVER BASIN

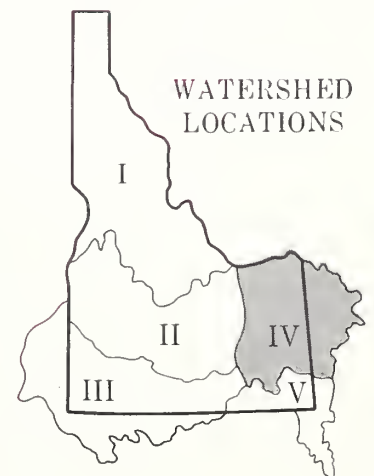


25 0 25 50  
SCALE IN MILES



## LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- / Snow Course and SNOTEL Site
- † Aerial Snow Depth Gage



# INDEX to SNOW COURSES

## UPPER SNAKE RIVER BASIN

| No.                 | State | Name                  | Sec.<br>Lat.        | Twp.<br>or<br>And | Rge.<br>Long.        | Elev |
|---------------------|-------|-----------------------|---------------------|-------------------|----------------------|------|
| SNAKE RIVER-WYOMING |       |                       |                     |                   |                      |      |
| 10G4                | Wy    | Afton Ranger Station  | 30                  | 32N               | 118W                 | 6200 |
| 10F1                | Wy    | Arizona               | 3                   | 46N               | 115W                 | 6850 |
| 10E8                | Wy    | Aster Creek           | 44 <sup>0</sup> 17' |                   | 110 <sup>0</sup> 38' | 7700 |
| 10F2S               | Wy    | Base Camp             | 20                  | 46N               | 113W                 | 6900 |
| 10F7S               | Wy    | Blackrock             | 4                   | 44N               | 111W                 | 8600 |
| 10G2S               | Wy    | Blind Bull            | 6                   | 34N               | 115W                 | 8750 |
| 10F14               | Wy    | Bryan Flat            | 9                   | 38N               | 115W                 | 6250 |
| 10G7                | Wy    | CCC Camp              | 9                   | 29N               | 118W                 | 7500 |
| 10G5S               | Wy    | Cottonwood Lake       | 25                  | 31N               | 118W                 | 7500 |
| 10E10S              | Wy    | Coulter Creek         | 44 <sup>0</sup> 09' |                   | 110 <sup>0</sup> 33' | 7600 |
| 10F17               | Wy    | East Rim Divide       | 32                  | 37N               | 111W                 | 7950 |
| 10F6                | Wy    | Four Mile Meadows     | 35                  | 45N               | 112W                 | 7770 |
| 10E13               | Wy    | Glade Creek           | 12                  | 48N               | 116W                 | 7200 |
| 10F18               | Wy    | Greys Boundary        | 33                  | 37N               | 118W                 | 5800 |
| 10F19S              | Wy    | Gros Ventre Summit    | 36                  | 40N               | 111W                 | 8750 |
| 10G3                | Wy    | Grover Park Divide    | 27                  | 33N               | 118W                 | 7500 |
| 10E14               | Wy    | Huckleberry Divide    | 32                  | 48N               | 115W                 | 7300 |
| 10E9S               | Wy    | Lewis Lake Divide     | 44 <sup>0</sup> 13' |                   | 110 <sup>0</sup> 40' | 7900 |
| 10F4                | Wy    | Moran                 | 8 & 17              | 45N               | 114W                 | 6800 |
| 10F3                | Wy    | Moran Bay             | 14                  | 45N               | 116W                 | 6800 |
| 10G6                | Wy    | Poison Meadows        | 29                  | 30N               | 116W                 | 8500 |
| 10G8S               | Wy    | Salt River Summit     | 32                  | 29N               | 118W                 | 7900 |
| 10E12               | Wy    | SNAKE River Station   | 9                   | 48N               | 115W                 | 6780 |
| 10F20               | Wy    | Snow King Mountain #3 | 4                   | 40N               | 117W                 | 7600 |
| 10E7                | Wy    | Thumb Divide          | 44 <sup>0</sup> 22' |                   | 110 <sup>0</sup> 35' | 7900 |
| 10F9S               | Wy    | Togwotee Pass         | 29                  | 44N               | 110W                 | 9600 |
| 10F5                | Wy    | Turpin Meadows        | 14                  | 45N               | 112W                 | 6930 |
| 10G1A               | Wy    | Young's Ranch         | 26                  | 34N               | 116W                 | 6530 |

### HENRY'S FORK RIVER

|        |    |                  |    |     |      |      |
|--------|----|------------------|----|-----|------|------|
| 11E9S  | 1  | Big Springs      | 4  | 13N | 44E  | 6400 |
| 11E35S | M  | Black Bear       | 27 | 15S | 5E   | 7950 |
| 11E18  | 1  | Black Canyon     | 11 | 13N | 45E  | 7960 |
| 11E19  | 1  | Black Moose      | 33 | 14N | 45E  | 8160 |
| 10E15S | Wy | Grassy Lake      | 6  | 48N | 117W | 7230 |
| 11E10S | I  | Island Park      | 28 | 13N | 43E  | 6290 |
| 11E16  | 1  | Latham Springs   | 9  | 13N | 45E  | 7630 |
| 11E14  | I  | Lucky Dog        | 2  | 13N | 44E  | 6860 |
| 11E32  | I  | Sawtell Mountain | 7  | 14N | 43E  | 8720 |
| 11E34  | I  | Targhee Pass     | 32 | 16N | 44E  | 6980 |
| 11E8   | I  | Valley View      | 12 | 15N | 43E  | 6680 |
| 11E36  | 1  | White Elephant   | 17 | 14N | 43E  | 7710 |

### TETON RIVER

|        |    |                     |                     |     |                      |      |
|--------|----|---------------------|---------------------|-----|----------------------|------|
| 10F21  | Wy | Darby Canyon        | 28                  | 43N | 118W                 | 8250 |
| 10F22  | Wy | Freds Mountain      | 12                  | 44N | 118W                 | 8150 |
| 11F13  | 1  | Garns Mountain      | 20                  | 4N  | 44E                  | 8300 |
| 10F25  | Wy | Indian Meadows      | 31                  | 46N | 117W                 | 8240 |
| 10F26  | Wy | Jackpine Creek      | 15                  | 46N | 118W                 | 7350 |
| 11F12  | 1  | McRenolds Reservoir | 5                   | 7N  | 46E                  | 6720 |
| 10F23S | Wy | Phillips Bench      | 43 <sup>0</sup> 31' |     | 110 <sup>0</sup> 55' | 8200 |
| 11F2   | I  | Pine Creek Pass     | 24                  | 3N  | 44E                  | 6810 |
| 11F1   | 1  | State Line          | 32                  | 3N  | 46E                  | 6660 |
| 10F13  | Wy | Teton W.S.          | 43 <sup>0</sup> 30' |     | 110 <sup>0</sup> 59' | 7740 |

| No.                | State | Name            | Sec.<br>Lat. | Twp.<br>or<br>And | Rge.<br>Long. | Elev |
|--------------------|-------|-----------------|--------------|-------------------|---------------|------|
| CAMAS-BEAVER CREEK |       |                 |              |                   |               |      |
| 11E11              | 1     | Blue Ledge Mine | 21           | 13N               | 38E           | 6900 |
| 12E3               | I     | Camp Creek      | 21           | 13N               | 36E           | 6580 |
| 11E17S             | 1     | Crab Creek      | 21           | 13N               | 38E           | 6860 |
| 11E12              | I     | Kilgore         | 6            | 12N               | 39E           | 6200 |

### MEDICINE LODGE CREEK

|      |   |              |    |     |     |      |
|------|---|--------------|----|-----|-----|------|
| 12E4 | I | Irving Creek | 20 | 13N | 33E | 7035 |
| 12E5 | I | Webber Creek | 23 | 12N | 32E | 6700 |

### WILLOW CREEK

|         |   |                  |    |    |     |      |
|---------|---|------------------|----|----|-----|------|
| 11F10   | 1 | Aspen Grove      | 36 | 2N | 41E | 6500 |
| 11F3    | I | Birch Creek      | 36 | 2N | 41E | 6800 |
| 11F8    | 1 | Bone             | 29 | 1S | 40E | 6200 |
| 11F16   | I | Brockman Station | 19 | 2S | 43E | 6430 |
| 11F15   | I | Hell Creek       | 27 | 1S | 42E | 7350 |
| 11F14   | I | Mud Creek        | 4  | 2S | 39E | 7100 |
| 11F11SR | I | Sheep Mountain   | 30 | 2S | 41E | 6570 |
| 11F5SR  | I | Tex Creek        | 36 | 1N | 41E | 6650 |

### BLACKFOOT RIVER

|       |   |                       |    |     |     |      |
|-------|---|-----------------------|----|-----|-----|------|
| 11G3  | 1 | Austin Brothers Ranch | 28 | 7S  | 43E | 6400 |
| 11F17 | I | Blue Ridge            | 35 | 2S  | 39E | 6780 |
| 11G22 | I | Johnson Creek         | 4  | 9S  | 43E | 6730 |
| 11G5S | 1 | Slug Creek Divide     | 15 | 10S | 44E | 7225 |
| 11G1S | I | Somsen Ranch          | 25 | 5S  | 43E | 7000 |
| 11G19 | 1 | Sulphur Peak          | 8  | 9S  | 43E | 7070 |
| 11G23 | I | Wood Canyon Divide    | 5  | 9S  | 43E | 7450 |

### FORT PORTNEUF RIVER

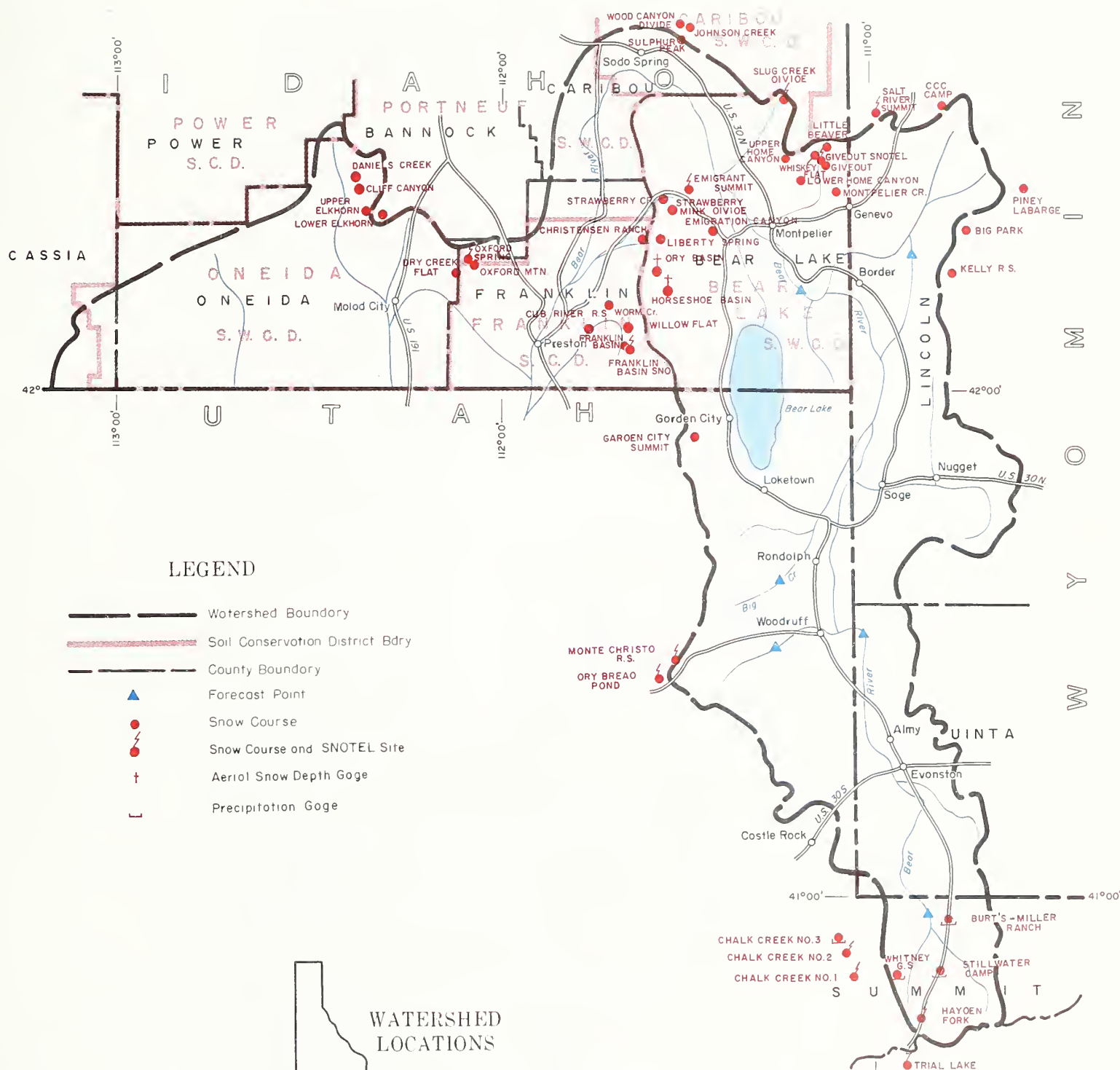
|        |   |                  |    |     |     |      |
|--------|---|------------------|----|-----|-----|------|
| 12G7   | 1 | Beaverdam Creek  | 22 | 10S | 38E | 6120 |
| 12G16  | I | Cold Springs     | 15 | 7S  | 37E | 7000 |
| 12G5   | I | Dempsey Creek    | 18 | 10S | 38E | 6100 |
| 11G24  | I | East Creek       | 26 | 10S | 38E | 7000 |
| 12G6   | 1 | Lower Pebble     | 7  | 8S  | 38E | 5780 |
| 12G1   | I | Mink Creek       | 33 | 7S  | 34E | 6410 |
| 12G2   | 1 | Pebble Creek     | 34 | 7S  | 37E | 6550 |
| 12G14  | I | Putnam           | 2  | 6S  | 37E | 7220 |
| 11G17  | I | Sedgwick Peak    | 30 | 10S | 39E | 7850 |
| 12G15  | I | Toponce          | 23 | 6S  | 37E | 6160 |
| 12G17S | I | Wildhorse Divide | 4  | 8S  | 34E | 6490 |

## LEGEND

Numbering System (example)

|       |                                  |
|-------|----------------------------------|
| 10J7  | Snow course only                 |
| 10J7A | Snow course and/or aerial marker |
| 10J7S | Snow course and snotel site      |
| 10J7R | Radioactive gage                 |

# GREAT BASIN





# INDEX to SNOW COURSES

## GREAT BASIN

| No.        | State | Name                 | Sec. | Twp.      | Rge.  | Elevation |
|------------|-------|----------------------|------|-----------|-------|-----------|
|            |       |                      | Lat. | or<br>And | Long. |           |
| BEAR RIVER |       |                      |      |           |       |           |
| 10G11      | Wy    | Big Park             | 7    | 27N       | 117W  | 8700      |
| 11H13P     | U     | Dry Bread Pond       | 19   | 8N        | 4E    | 8230      |
| 11G7       | I     | Emigration Canyon    | 24   | 12S       | 42E   | 6500      |
| 11H7P      | U     | Garden City Summit   | 35   | 14N       | 4E    | 7600      |
| 10J6P      | U     | Burts-Miller Ranch   | 19   | 3N        | 10E   | 7900      |
| 10J7P      | U     | Hayden Fork          | 1    | 1S        | 9E    | 9300      |
| 10G12      | Wy    | Kelly Ranger Station | 13   | 26N       | 118W  | 8200      |
| 11H12P     | U     | Monte Cristo R. S.   | 3    | 8N        | 4E    | 8960      |
| 10G10      | Wy    | Piney LaBarge        | 19   | 29N       | 114W  | 8820      |
| 10J17P     | U     | Stillwater Camp      | 32   | 2N        | 10E   | 8550      |
| 10J28P     | U     | Whitney G. S.        | 4    | 1N        | 9E    | 9300      |

## MONTPELIER CREEK

|        |   |                   |    |     |     |      |
|--------|---|-------------------|----|-----|-----|------|
| 11G16  | I | Giveout           | 2  | 12S | 45E | 6840 |
| 11G25S | I | Giveout Snotel    | 2  | 12S | 45E | 6930 |
| 11G20  | I | Little Beaver     | 27 | 11S | 45E | 6970 |
| 11G27  | I | Lower Home Canyon | 17 | 12S | 45E | 7640 |
| 11G18  | I | Montpelier Creek  | 14 | 12S | 45E | 6540 |
| 11G26  | I | Upper Home Canyon | 31 | 11S | 45E | 8560 |
| 11G21  | I | Whiskey Flat      | 26 | 11S | 45E | 6960 |

## MINK CREEK

|        |   |                        |    |     |     |      |
|--------|---|------------------------|----|-----|-----|------|
| 11G11  | I | Christensen Ranch      | 27 | 13S | 41E | 5560 |
| 11G14A | I | Dry Basin              | 30 | 13S | 42E | 7820 |
| 11G6S  | I | Emigrant Summit        | 21 | 12S | 42E | 7390 |
| 11G15A | I | Horseshoe Basin        | 31 | 13S | 42E | 8000 |
| 11G13  | I | Liberty Spring         | 7  | 13S | 42E | 8600 |
| 11G9   | I | Strawberry Creek       | 9  | 13S | 41E | 5820 |
| 11G10  | I | Strawberry Mink Divide | 14 | 13S | 41E | 6720 |

## CUB RIVER

|       |   |                          |    |     |     |      |
|-------|---|--------------------------|----|-----|-----|------|
| 11G12 | I | Cub River Ranger Station | 9  | 15S | 41E | 5450 |
| 11G8  | I | Franklin Basin           | 1  | 16S | 41E | 8040 |
| 11G2S | I | Franklin Basin Sno       | 7  | 16S | 42E | 8170 |
| 11G4  | I | Willow Flat              | 11 | 15S | 41E | 6070 |
| 11G28 | I | Worm Creek               | 28 | 14S | 41E | 6620 |

## MALAD RIVER

|        |   |                 |    |     |     |      |
|--------|---|-----------------|----|-----|-----|------|
| 12G13  | I | Cliff Canyon    | 13 | 12S | 35E | 7200 |
| 12G12  | I | Daniels Creek   | 11 | 12S | 35E | 6270 |
| 12G4   | I | Dry Creek Flat  | 33 | 13S | 37E | 6360 |
| 12G11  | I | Lower Elkhorn   | 30 | 12S | 36E | 6960 |
| 12G3   | I | Oxford Mountain | 27 | 13S | 37E | 6800 |
| 12G18S | I | Oxford Spring   | 27 | 13S | 37E | 6740 |
| 12G10  | I | Upper Elkhorn   | 25 | 12S | 35E | 7140 |

## LEGEND

Numbering System (example)

|       |                                  |
|-------|----------------------------------|
| 10J7  | Snow course only                 |
| 10J7A | Snow course and/or aerial marker |
| 10J7S | Snow course and snotel site      |
| 10J7R | Radioactive gage                 |
| 10J7P | Precipitation gage               |

## GOVERNMENT AGENCIES

### States:

Idaho Department of Water Resources  
State of Idaho Department of Fish and Game  
University of Idaho  
Idaho State University  
Montana Agricultural Experiment Station  
Montana State Water Conservation Board  
Montana Cooperative Snow Surveys  
Nevada Cooperative Snow Surveys  
Oregon Agricultural Experiment Station  
Oregon Cooperative Snow Surveys  
Oregon State Engineer and Corps of  
State Watermasters  
Utah Cooperative Snow Surveys  
Wyoming Cooperative Snow Surveys

### Federal:

U. S. Army Engineers  
  
U. S. Department of Agriculture  
Forest Service  
ESCS Crop Reporting Service  
SEA Agricultural Research  
  
U. S. Department of Commerce  
NOAA, National Weather Service  
  
U. S. Department of the Interior  
Bonneville Power Administration  
Water and Power Resources Service  
Fish and Wildlife Service  
Water Resources Division, Geological Survey  
National Park Service  
Bureau of Land Management

## PUBLIC UTILITIES

Washington Water Power Company  
Idaho Power Company

## ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District  
Blaine Soil Conservation District  
Boise Project Board of Control  
Idaho Water District #01  
Little Wood River Irrigation District  
Mann Creek Irrigation District  
Salmon Falls Creek Irrigation Company  
Twin Falls Soil Conservation District  
Big Wood Irrigation Company  
Owyhee Project - North & South Board of Control  
Valley Soil Conservation District  
Portneuf Soil and Water Conservation District  
East Cassia Soil and Water Conservation District  
West Cassia Soil and Water Conservation District  
Camas Soil and Water Conservation District

*Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.*

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